



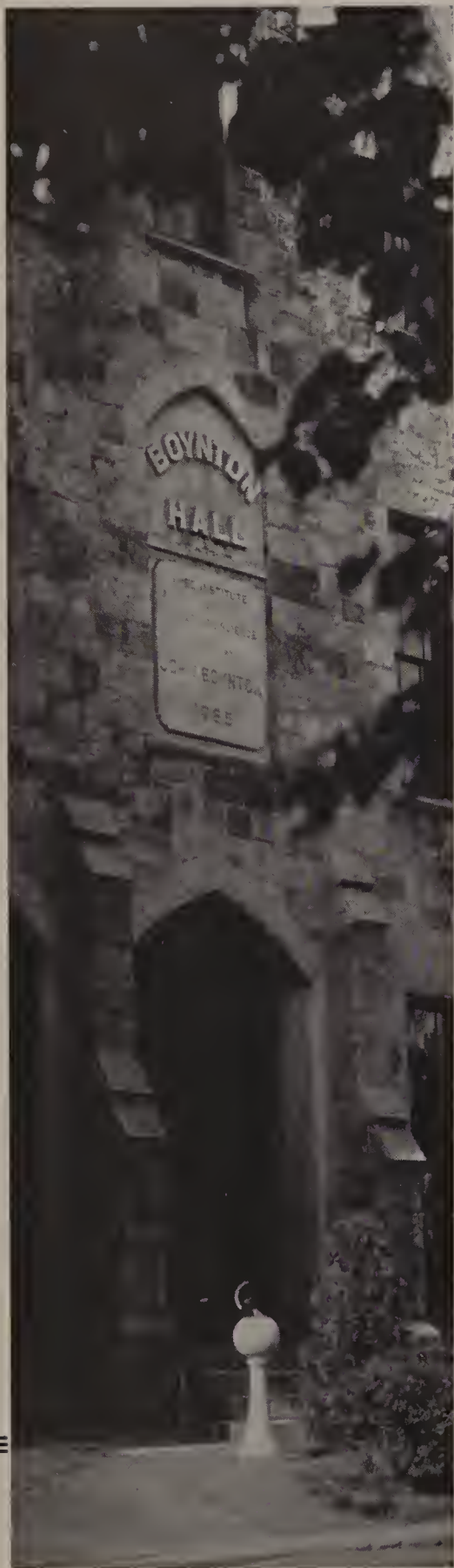






THE  
PEDDLER

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BOYNTON HALL

THE  
PEDDLER  
OF  
1934

WORCESTER  
POLYTECHNIC  
INSTITUTE

WORCESTER  
MASSACHUSETTS



FOUNTAIN  
AT CHAFFINS

## FOREWORD

In turning the pages of this, the Seventh Volume of THE PEDDLER, may the reader get a glimpse of the life and activity at Tech; may he catch its spirit, which is a symbolization of the fine friendships we have made in our college days.

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1934

by

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W P I

DEDICATION

TO

“PA” FAIRFIELD

OUR FRIEND—

NO FINER EXPRESSION CAN  
DESCRIBE THE NICHE  
WHICH HAS BEEN CARVED  
INTO OUR HEARTS BY  
THIS GENTLEMAN.

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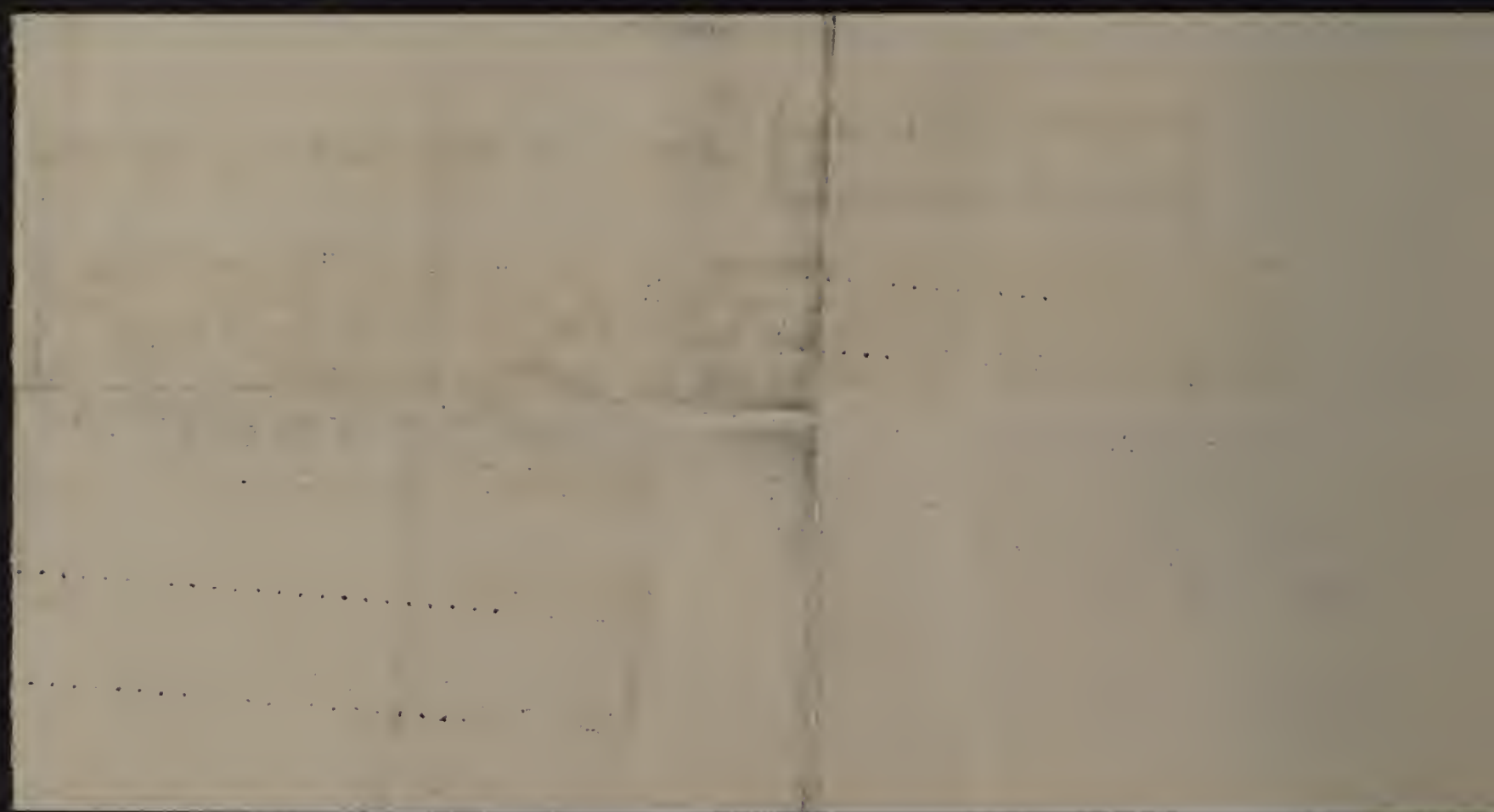
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W. P. I.

Signed. *A. Papavas*.....

Class of... *1934*.....





WASHBURN TOWER

## REAR ADMIRAL RALPH EARLE, U. S. NAVY

(Retired)

D.Sc., D. ENG., LL.D.

*President*

U. S. Naval Academy, 1916; D.Sc. (Hon.), W. P. I., 1925; D.Eng. (Hon.) Rensselaer, 1926; LL.D. (Hon.) Amherst, 1929; LL.D. (Hon.) Clark, 1930; Instructor in Electrical Engineering, U. S. N. A., 1910-11; Head, Dep't. of Ordnance and Gunnery, 1915-1916; Rear Admiral and Chief of Ordnance, 1917-20. President of Worcester Polytechnic Institute, 1925-

The Worcester Polytechnic Institute is indeed fortunate in having at its helm so able a leader as the Rear-Admiral Ralph Earle. His life history is particularly interesting and eventful. While attending the Institute in 1892 he received an appointment to the Naval Academy from which he was graduated four years later. He first came into active naval service in the war of '98 and with this experience he was gradually promoted until he was appointed Chief of the Bureau of Ordnance in 1916.

As chief of the ordnance department he gained distinction from his work in the construction of the Northern Barrage which played such an important part in the war.

After the World War he was given command of the U. S. S. Connecticut and he was later given charge of the Naval Torpedo Station at Newport, R. I., where he served from 1922 until 1925.

With this fine record, Admiral Earle returned to Worcester and to Worcester Tech to assume his new responsibility as President of the Institute. It was at this time that he acquired the name of "Prexy," the Prexy who is admired and respected by every Tech student who came in contact with him.

It was fitting that President Earle should return to the Institute whose original buildings were designed by his father many years ago. Stephen C. Earle, the president's father, was the outstanding architect of Central Massachusetts and it is significant that Admiral Earle should carry on the building program which his father so notably started. Prexy was instrumental in building the new Sanford Riley Dormitory as well as the Fuller Memorial Swimming Pool. Not only did he carry on the building program of his father but he elaborated and undertook the task of building character of youth in engineering fields. Such a task, he has done well and the inspiration which he has instilled upon so many students will live long.

His friendly personality, his ability to act as counsellor, guide and model has won for him the whole-hearted support of the student body, as is evidenced by the esteem and admiration which they hold for him. His chapel talks, interspersed with his experiences in the Navy, have been of immeasurable value in giving students advice on how to "carry on in the ship of life."

In particular, the class of '34 wishes to express its appreciation and esteem for the fine leadership which "Prexy" has shown us in our college days. To use some of the nautical expressions so characteristic of our President, may "Prexy's" voyage on the "seas" of Worcester Polytechnic Institute be a successful one in the future as it has been in the past, and may his "officers" and his "crew" give to him their coöperation and loyalty which so able a "captain" is deserving, *Bon Voyage*.



PRESIDENT RALPH EARLE

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*Professor of English*

Born in North Brookfield; Graduated from North Brookfield High School, 1892; A.B., Amherst, 1896; Newark *Evening News*, 1900-08; Instructor in Modern Languages, W. P. I., 1908-13; Assistant Professor of English, 1913-30; Professor, 1930; Chairman of Committee on Publicity, 1915-; Member of Theta Delta Chi Fraternity.



FRANCIS JOSEPH ADAMS, B.S., E.E.

*"Rip"*

*Assistant Professor of Electrical Engineering*

Born in Maynard, Mass.; Graduated from Worcester English High School, 1900; B.S., W. P. I., 1904; E.E., 1906; Member of Varsity Basketball team; Permanent Class Secretary; Member Tau Beta Pi; Sigma Xi; Graduate Assistant in Electrical Engineering, 1904-06; Graduate Instructor, 1907-17; Assistant Professor, 1917; Co-author with C. A. Pierce on *The Theory of the Non-Elastic and Elastic Catenary as Applied to Transmission Lines; Formulas for Capacity of Single-Phase Transmission Lines and Cables.*



CHARLES METCALF ALLEN,

B.S., M.S., D. Eng.

*"Charlie"*

*Professor of Hydraulic Engineering*

Born in Walpole, Mass.; Graduate of the Walpole High School; B.S., W. P. I., 1884; M.S., 1899; Instructor W. P. I., 1894-1902; Assistant Professor of Mechanical Engineering, 1902-06; Professor, 1906-; D.Eng. W. P. I., 1929; Member Sigma Alpha Epsilon Fraternity; Sigma Xi; Tau Pi; A.S.C.E.; A.S.M.E.; National Electric Light Assn.; American Ass'n for the Advancement of Science; Worcester Engineering Society. Inventor of the Salt-Velocity Method of Measuring Water Flow.





LELAND LEAVITT ATWOOD,  
A.B., M.A., Ph.D.

*"Doc" "Atty"*

*Professor of Modern Languages and Head of the  
Department*

Born in Plymouth, N. H.; Graduated from Plymouth High School, 1913; A.B., Clark Univ., 1916; member of Alpha Sigma Alpha Fraternity; Musical Association; Dramatic Club; M. A., Cornell University, 1922; Ph.D., Cornell, 1927; Instructor in Modern Languages at Cornell, 1917-18; Assistant Professor North Carolina College for Women, 1925-26; Clark Univ., 1926-30; Professor W. P. I., 1930-; Member of Phi Gamma Delta Fraternity; Modern Language Association of America.



RICHARD ALEXANDER BETH,  
B.S., M.S., Ph.D.

*"Dick"*

*Assistant Professor of Physics*

Born in New York City; Graduated from Lynbrook High School, Lynbrook, L. I., N. Y., 1923; B.S., W. P. I., 1927; M.S., W. P. I., 1929; Ph.D., University of Frankfurt (Goethe Univ.), 1932; Member of Theta Chi Fraternity; Member of Tau Beta Pi and Sigma Xi honorary fraternities; Instructor in Physics, W. P. I., 1927-29; International Exchange Fellow to Germany, 1929-30; Fellow of the Alexander von Humbolt Foundation, Berlin, 1930-32; Ass't. Professor of Physics, W. P. I., 1932-.



FREDERICK RAYMOND BUTLER,  
B.S., M.S., M.A., Ph.D.

*"Rosy Cheeks"*

*Assistant Professor of Chemistry*

Born in Worcester, Mass.; Graduated from Worcester North High School, 1916; B.S., W. P. I., 1920; M.S., W. P. I. 1922; M.A., Harvard Univ., 1924; Ph.D., Harvard, 1925; Instructor in Chemistry, Mass. State College 1925-27; Assistant Professor of Chemistry, W. P. I., 1927-; Member of Tau Beta Pi Honorary Engineering Fraternity; Society of Sigma Xi; American Chemical Society; American Assoc. for Advancement of Science; N. E. Assoc. of Chem. Teachers; A.A.U.P.

DANIEL FRANCIS CALHANE,  
B.A., M.A., Ph.D.

"Dinny"

*Professor of Industrial and Electro-Chemistry*

Born in Bradford, Mass.; Graduated from Haverhill High School; A.B. Harvard Univ., 1894; A.M. Harvard Univ., 1896; Ph.D., 1904; Instructor at St. John's Military School, N. Y., 1894-95; Garland School, Concord, Mass., 1896-97; Harvard Univ., 1899-1903; Instructor W. P. I., 1903-13; Assistant Professor, 1913-18; Professor, 1918-; Member of the American Electro-Chemistry Society; Author of publications covering investigations in Organic and Electro-Chemistry.



PERCY ROBERT CARPENTER, A.B.

"Doc" "Percy"

*Professor of Physical Education and Head of Department*

Born in Menden, Ct.; Graduated from Exeter Academy; A.B., Harvard University, 1907; Hitchcock Fellow, Amherst 1906-9; Assistant Dean, 1908-10; Instructor in Physical Education, 1909-10; Assistant Professor, 1910-11; Associate Professor 1911-16; Professor of Physical Education, W. P. I., 1916; Director of Sports, Foyer du Soldat, Paris, 1917-18; Author of "A Translation of All American Sports and Games in French"; Member of Sigma Alpha Epsilon Fraternity, Society of Directors of Physical Education in Colleges; American Physical Association; Wachusett County Club; Exeter Alumni Association; Harvard Club.



ZELOTES WOOD COOMBS, A.B., A.M.

"Coombsie"

*Professor and Head of the English Department and  
Secretary of the Faculty*

Born in Wrentham, Mass.; Graduated from Worcester High School, 1884; A.B., Amherst College, 1888; A.M., Amherst College, 1895; Attended University of Virginia, University of Berlin, Alliance Française; Instructor of English, Brooklyn Polytechnic Institute, 1888-89; University of Virginia, 1889-90; Clerk and Assistant in Languages, 1892-95; Assistant Professor of Modern Languages, 1895-1901; Prof. of French, 1901-03; Prof. of English and Modern Languages, 1903-13; English, 1913-; Member of Alpha Delta Phi and Phi Beta Kappa Fraternities.



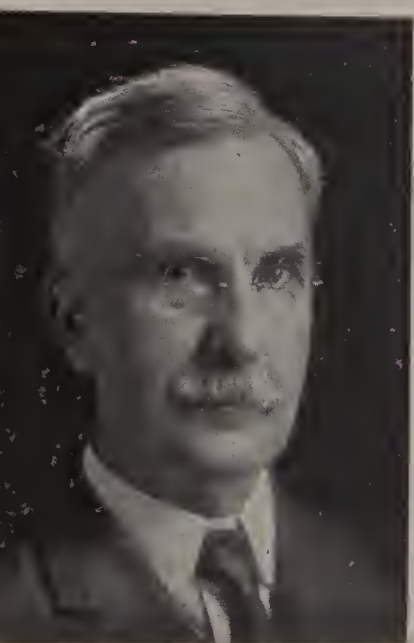


HAROLD WINTHROP DOWS, B.S., M.E.

*"Banjo Eyes"*  
*"Colonel"*

*Assistant Professor of Mechanical Engineering*

Born in Salem, Mass.; Graduated from Salem High School; B.S., W. P. I., 1918; U. S. Army, 1918-19; M.E., W. P. I., 1930; Instructor in Mechanical Engineering, 1919-30; Assistant Professor, 1930-; Member of Tau Beta Pi and Sigma Xi Honorary Fraternities; American Society of Mechanical Engineers.



A. WILMER DUFF, B.A., M.A., B.Sc., D.Sc., LL.D.

*"A. Wilmer"*

*Professor of Physics and Head of the Department*

Born in St. John, N. B., Canada; Graduated from St. John High School; B.A. University of New Brunswick, 1884, and University of London, 1887; M.A. University of Edinburgh, 1888; B.Sc., 1892; D.Sc., 1901; LL.D. University of New Brunswick, 1920; Professor of Physics, University of Madras, 1889-90; University of New Brunswick, 1890-93; Purdue University, 1893-99; W. P. I., 1899-; Member of the Phi Sigma Kappa Fraternity; Sigma Xi; Author of Elementary Experimental Mechanics, Textbook of Physics, College Physics, Physical Measurements.



ARTHUR WOOLSEY EWELL, A.B., Ph.D.

*"Punk"*

*Professor of Physics*

Born in Bradford, Mass.; A.B., Yale University, 1897; Ph.D., 1899; Assistant in Physics, Yale, 1897-1900; Instructor, W. P. I., 1900-04; Assistant Professor, 1904-10; Professor, 1910-; Major in U. S. Army, 1917-18; Head of the Bomb Unit of the Air Service, A. E. F.; Consulting Engineer in Refrigeration; Fellow, American Academy of Arts and Sciences; Fellow in American Physical Society; Society of Refrigeration Engineers; Société Française de Physique.

## HOWARD PARKER FAIRFIELD

*"Pa"*

*Professor of Machine Construction*

Born in Pattern, Maine; Graduated from the Common School and Academy; with S. A. Woods Machine Co., 1884-88; Boston and Albany Railroad, 1888-89; Goodyear Shoe Machinery Co., 1889-91; Instructor at Case Institute, 1891-99; Instructor of Machine Construction, W. P. I., 1899-1914; Assistant Professor, 1914-19; Professor 1919-; Author of textbooks for I. C. S., technical and shop journals, Starrett Handbook; Member of Alpha Tau Omega Fraternity; Sigma Xi honorary fraternity; A. S. M. E. and the Economic Club of Worcester.



## ARTHUR WILLARD FRENCH, B.S., C.E.

*"Pa"*

*Professor and Head of the Department of Civil Engineering*

Born in Battle Creek, Mich.; Graduated from Milford High School, 1885; B.S., Dartmouth College, 1891; C.E., Thayer School of Civil Engineering; With the Platte River Paper Mills and Denver Sulphite Mills, 1892-94; Colorado and Southern Railroad, 1905; Associate Professor at the Thayer School of Civil Engineering, 1895-98; Professor of Civil Engineering at W. P. I., 1899-; Member Sigma Chi Fraternity; Sigma Xi; Tau Beta Pi; A. S. C. E.; Worcester Society of Civil Engineers; Co-author of "Stereotomy" with H. C. Ives.



## HAROLD JOSEPH GAY, AB., A.M.

*"Happy"*

*Assistant Professor of Mathematics*

Born in Way, N. H.; Graduated from Keene High School; Cushing Academy; A.B., Harvard, 1919; A.M., Clark, 1922; Instructor in Mathematics W. P. I., 1919-24; Assistant Professor, 1924-; Member Sigma Xi Honorary Fraternity; American Mathematical Society; Mathematical Association of America; A. A. U. P.; S. P. E. E.





GEORGE HENRY HAYNES, A.B., Ph.D.

*"Jinny"*

*Professor and Head of the Department of Economics and Government*

Born in Sturbridge, Mass.; Graduated from the Hitchcock Free High School, 1883; A.B., Amherst, 1887; Ph.D., Johns Hopkins University, 1893; Instructor of Languages, W. P. I., 1887-88; Mathematics, 1888-89; Modern Languages, 1889-90; Professor of Economics and Government, 1893; Author of Representation and Suffrage in Massachusetts, The Election of State Senators, Representation in State Legislation, and The Life of Charles G. Washburn.

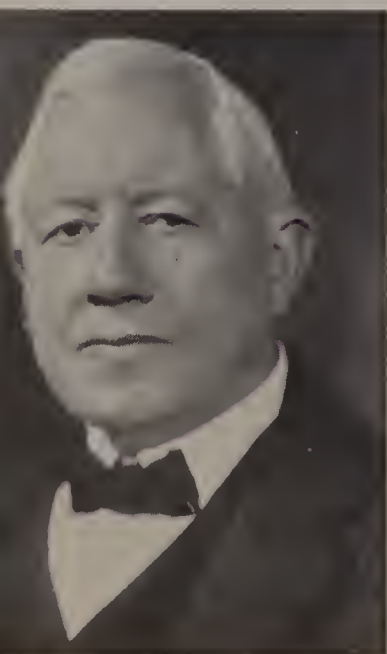


JEROME WILLARD HOWE, B.S.

*"Jerry" "Major"*

*Professor of Civil Engineering*

Born in Worcester, Mass.; Graduated from Worcester English High School; B.S., W. P. I., 1909; Instructor Pennsylvania Military College, 1909-11; with Phoenix Bridge Company, 1911-13; Major U. S. Army, 1914-24; Editor of The Wireless Age, 1924; Assistant Professor of Civil Engineering, W. P. I., 1924-26; Professor, 1926-; Translated "The German Cavalry in Belgium and France" by M. von Posech; Member of Theta Upsilon Omega Fraternity; Society of Sigma Xi; Worcester Society of Civil Engineers; Boston Society of Civil Engineering; A. S. C. E.; A. A. U. P.; U. S. Cavalry Association.



WALTER LOUIS JENNINGS,

A.B., A.M., Ph.D.

*"Kaiser" "Pussyfoot" "Doc"*

*Professor and Head of the Department of Chemistry*

Born in Bangor, Maine; Graduated from Cambridge High and Latin School; A.B., Harvard University, 1889; A.M., Harvard University, 1890; Ph.D., Harvard University, 1892; Assistant in Chemistry, 1890-92; Parker Fellow, University of Berlin, 1893-94; Assistant Professor of Chemistry, W. P. I., 1894-99; Professor of Organic Chemistry, 1900-; Member of Sigma Xi; Worcester Chemistry Club; Harvard Club; American Academy of Arts and Sciences.

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ARTHUR JULIUS KNIGHT, B.S.

"A. J." "Shrimp"

*Professor of Civil Engineering and Superintendent of Buildings and Grounds*

Born in Worcester; Graduated from Worcester South High School, 1903; B.S., W. P. I., 1907; with Northern Pacific Railroad, 1907-10; Instructor in Civil Engineering, 1910-16; Assistant Professor, 1916-30; Professor, 1930-; Superintendent of Buildings and Grounds, 1917-; Resident Engineer of Construction of Alumni Field; Inspection of Construction of Alumni Gymnasium 1915-16; Sanford Riley Hall, 1926-27; Member of Theta Upsilon Omega Fraternity; Sigma Xi; A. S. C. E.; Boston Society of Civil Engineers; Worcester Civil Engineering Society; S. P. E. E.; A. A. U. P.



CARL DUNHAM KNIGHT, B.S., E.E.

"C. D."

*Professor of Electrical Engineering*

Born in Putney, Vt.; Graduated from Brattleboro High School; B.S., W. P. I., 1903, and E.E., 1908; Instructor in Electrical Engineering, 1904-08; Assistant Professor of Experimental Engineering, 1908-20; Professor, 1920-; Member of the Lambda Chi Alpha Fraternity; Sigma Xi; Tau Beta Pi; A. I. E. E.; Illuminating Engineering Society; Economic Club of Worcester; Appalachian Mountain Club.



GLEASON HARVEY MacCULLOUGH,  
B.S., M.E., D.Sc.

"Black-mack"

*Professor of Mechanical Engineering*

Born in Sawyerville, Quebec, Canada; Graduated from Lowell High School; B.S., W. P. I., 1918; M.E., W. P. I., 1931; D.Sc., University of Michigan, 1932; Member of Student "Y" Cabinet; Tau Beta Pi Honorary Engineering Fraternity; Theta Upsilon Omega Fraternity; Sigma Xi; Instructor in Mechanical Engineering, 1918-24; Assistant Professor, 1924-31; Professor, 1931-; Author of Applications of Creep Tests; Member of A. S. M. E.; S. P. E. E.; Worcester Economic Club.





MORTON MASIUS, M.A., Ph.D.

*"Dutchy"*

*Professor of Physics*

Born in Egg-Harbor City, N. J.; Graduated from Thomas Schule (Leipzig, Germany); M.A. and Ph.D., University of Leipzig, 1908; Member of Sigma Xi Honorary Society; Fellow, Physical Society; Fellow, American Association Advancement of Science; American Association of University Professors; American Association of Physics Teachers; Charter Member, Physics Teachers Society; Whiting Fellow, Harvard, 1908-09; Instructor in Physics, W. P. I., 1909-15; Assistant Professor, 1915-19; Professor, 1919-.



HAROLD ARTHUR MAXFIELD.

B.S., E.E., M.S.

*"Ham" "Maxie"*

*Assistant Professor of Electrical Engineering and  
Superintendent of the Dormitory*

Born in Lowell, Mass.; Graduated from Lowell High School; B.S.; W. P. I., 1916, E.E., 1925 and M.S., 1927; Captain U. S. Army, 1917-20; Research Engineer with Westinghouse Electric and Mfg. Co., 1920-21; Instructor in Electrical Engineering, 1921-27; Assistant Professor, 1927-; Superintendent of the Dormitory, 1927-; Member of Lambda Chi Alpha Fraternity; Tau Beta Pi Honorary Fraternity; Society of Sigma Xi; A. I. E. E.; S. P. E. E.



KENNETH GERALD MERRIAM, S.B.

*"Pinkie" "K. G."*

*Assistant Professor of Aeronautical Engineering*

Born in Belfast, Maine; Graduated from Belfast High School, 1918; S.B., M. I. T., 1922; Member of Glee Club; Instructor in Mechanical Engineering, University of Maine, 1922-23; W. P. I., 1923-28; Assistant Professor of Aeronautical Engineering, W. P. I., 1928-; Captain in the Coast Artillery Reserves, 1929-; Author of "Design of Steel Column Slabs"; Income and Expense Records for Young Professional Men; The Airplane; Member of the Theta Upsilon Omega Fraternity; Society of Sigma Xi; A. S. M. E.; S. P. E. E.; Worcester Engineering Society; M. I. T. Alumni Association.

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CARL FREDERICK MEYER, B.S., C.E.

"Carl" "Chief"

*Assistant Professor of Civil Engineering*

Born in Lawrence, Mass.; Graduated from Lawrence High School; B.S., W. P. I., 1922, and C.E., 1929; U. S. Coast and Geodetic Survey, 1922-23; Engineering Draftsman, 1923-24; Instructor in Civil Engineering, 1924-29; Assistant Professor, 1929-; Engineer of Cobble Mountain Water Project; Member of Theta Chi Fraternity; Tau Beta Pi Honorary Engineering Fraternity; Society of Sigma Xi; A. S. C. E.; Worcester Society of Civil Engineers; A. A. U. P.



THEODORE HARDING MORGAN.

A.B., E.E.

"Teddy"

*Professor of Electrical Engineering and Head of Department*

Born in New Brunswick, Canada; Prepared at Edmonton, Alberta; A.B., Stanford, 1920, and E.E., 1929; Instructor in Electrical Engineering, Stanford, 1922-25; Assistant Professor and Assistant to Executive Head of Electrical Engineering Department, 1927-31; Professor, W. P. I., 1931-; Superintendent Foundation Company, Victoria, British Columbia; Engineer with Great Western Power Company, San Francisco; Cal., 1920-22; Member of Alpha Tau Omega Fraternity; American Institute of Electrical Engineers.



RAYMOND KURTZ MORLEY.

A.B., A.M., Ph.D.

"Doc"

*Professor of Mathematics and Head of Department*

Born in Templeton, Mass.; Graduated from Goddard Seminary; A.B., Tufts, 1904; A.M., Tufts, 1904; Ph.D., Clark, 1910; Instructor in Mathematics, University of Maine, 1904-07; W. P. I., 1910-11; University of Illinois, 1911-12; Assistant Professor, W. P. I., 1912-17; Professor, 1917-21; John E. Sinclair Professor, 1921-; Member of Lambda Chi Alpha Fraternity; Phi Beta Kappa and Sigma Xi Honorary Fraternities.





HOBART HALLETT NEWELL, B.S.

*"Sparks"*

*Assistant Professor of Experimental Electrical Engineering*

Born in Cumberland, Mass.; Graduated from Barre, Vt., High School, 1914; B.S., W. P. I., 1918; U. S. Naval Experimental Station, 1918-19; Research Assistant in Westinghouse Research Laboratory, 1919-21; Instructor in Electrical Engineering, 1921-28; Assistant Professor of Experimental Electrical Engineering, 1928; Member of Alpha Tau Omega Fraternity; Tau Beta Pi Honorary Fraternity; Society of Sigma Xi; A. I. E. E.; S. P. E. E.; American Radio Relay League; Institute of Radio Engineering; Chief Engineer at Radio Station WTAG.



WILLIAM LEWIS PHINNEY, JR., B.S., M. A.

*"Bill"*

*Assistant Professor of Mathematics*

Born in Boston, Mass.; Graduated from Boston English High School, 1914; U. S. Army, 1917-19; B.S., Dartmouth College, 1920; M.A., Clark, 1922; Instructor in Mathematics, W. P. I., 1920-30; Assistant Professor, 1930-; Member of Phi Gamma Delta Fraternity; Sigma Xi Honorary Society; American Association of University Professors.



CLARENCE ALBERT PIERCE,  
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*"Doc"*

*Professor of Theoretical Electrical Engineering*

Born in Redding, Ct.; Graduated from Mt. Hermon Preparatory School, 1898; B.S. Wesleyan University, 1902; M.S., 1904; Ph.D., Cornell University, 1908; Member of Phi Nu Theta Fraternity; Phi Beta Kappa Honorary Fraternity; Sigma Xi; Instructor in Electrical Engineering, Cornell, 1904-11; Assistant Professor of Theoretical Electrical Engineering, W. P. I., 1911; Co-author with F. J. Adams, The Theory of the Non-Elastic and Elastic Catenary as Applied to Transmission Lines; Formulas for Capacity of Single-Phase Transmission Lines and Cables; Member of A. A. U. P.; Society for the Promotion of Engineering Education.

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SAMUEL JAMES PLIMPTON, Ph.B., Ph.D.

*"Plimp"*

*Assistant Professor of Physics*

Born in Hartford, Conn.; Graduated from Hartford High School; Ph.B., Yale, 1905, and Ph.D., 1912; Loomis Fellow, 1905-06; Stanley Electric Works, 1906-1910; Assistant in Physics, 1909-12; Instructor, 1912-13; Johns Hopkins, 1913-14; W. P. I., 1914-19; Assistant Professor 1919-; Visiting Professor, University of London, 1919-1920; Member Christ Church, Oxford University. Author of: "Recombination of Ions in Gases," "Scattering of Rays in X-Ray Diffraction," "Partial Differential Equation of Mathematical Physics." Member Sigma Xi.



CARLETON ALLEN READ, B.S.

*"B. A."*

*Professor of Steam Engineering*

Born in North Hanover, Mass. Graduated from M. I. T., 1891; Instructor in Mechanical Engineering, M. I. T., 1891-99; Professor, University of New Hampshire, 1899-1908; Professor of Steam Engineering, W. P. I., 1908-; In charge of evening steam courses at Franklin Union, 1908-16; Member of Theta Chi and Sigma Xi Fraternities; American Society of Mechanical Engineers.



HARRIS RICE, B.S., A.M.

*"Rickey"*

*Professor of Mathematics*

Born in Worcester; Graduated from English High School, 1907; B.S., W. P. I., 1912; A.M., Harvard, 1922; Instructor in Mathematics, Tufts, 1915-19; Harvard, 1918; Assistant Professor, Tufts, 1919-20; W. P. I., 1920-24; Professor, 1924-; Secretary of the Tech Council; Member of Sigma Xi Honorary Society; American Mathematical Society; Mathematical Society of America; Association of Teachers of Mathematics in N. E.; A. A. U. P.; S. P. E. E.; American Association for the Advancement of Science.





ALBERT SUTTON RICHEY, B.M.E., E.E.

"A. S." "Al"

*Professor of Electric Railway Engineering*

Born in Uluncie, Indiana; Graduated from Uluncie High School; B.M.E., Purdue University, 1894, and E.E., 1903; Assistant Professor of Electric Railway Engineering, W. P. I., 1905-07; Professor, 1907-; Chairman Interfraternity Council; Member of Phi Delta Theta Fraternity; Sigma Xi; Tau Beta Pi; Fellow, American Institute of Electrical Engineers; Engineers Club of New York; University Club of Boston; American Electric Railway Association; Worcester Country Club; Worcester Rotary Club.



FRANCIS WILLIAM ROYS, B.S., M.E.

"Spider"

*Professor of Mechanical Engineering and Head of Department*

Born in Nantucket, Mass.; Graduated from Worcester Academy, 1905; B.S., W. P. I., 1909; M.E., W. P. I., 1917; Member of Glee Club; Member of Phi Sigma Kappa Fraternity; Sigma Xi; with Holyoke Machine Co., 1909-10; Instructor W. P. I., 1910-16; M. I. T., 1916-17; Assistant Professor, 1917-23; Professor, 1923-; Author of Materials of Engineering Construction; Member A. S. M. E.; A. S. T. M.; A. S. S. T.



ALFRED LINCOLN SMITH, B.S., M.S.

"Dingtoe" "A. L."

*Professor of Drawing and Machine Design and Assistant to the President*

Born in Mattoon, Ill.; Graduated from Springfield, Mass., High School, 1886; B.S., W. P. I., 1890; M.S., W. P. I., 1899; Member Sigma Xi Honorary Fraternity; Assistant in Mechanical Engineering Laboratory, 1890-91; Instructor of Mechanical Drawing, 1891-1900; Assistant Professor, 1900-06; Professor, 1906-; Assistant to the President, 1923; Chairman of Committee on Students, 1914; Committee on Scholarships, 1919; Member A. S. M. E., A. A. U. P. and N. E. Historical Society.

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MAURICE EDWARD SMITH,  
B.A., M.A., Ph.D.

*"Tombstone"*

*Assistant Professor of Chemistry*

Born in New Brunswick, Canada; Graduated from Fredericton High School; B.A., University of New Brunswick, 1917; M.A., University of Toronto, 1919, and Ph.D., 1921; Assistant in Chemistry, 1917-21; Lecturer in Organic Chemistry, Queen's University, 1921-22; Instructor in Chemistry, W. P. I., 1924-27; Assistant Professor, 1927-; Assistant Analyst in Food and Drug Division of Department of Health of Canada, 1922-24; Member of Society of Sigma Xi; American Chemical Society; Fellow of the Canadian Institute of Chemistry.



HERBERT FOSTER TAYLOR, B.S.

*"Herb"*

*Assistant Professor of Civil Engineering and Secretary-Treasurer of the Alumni Association*

Born in Amesbury, Mass.; Graduated from Amesbury High School; B.S., W. P. I., 1912; Assistant Editor of the *Aftermath*; Member of Sigma Alpha Epsilon Fraternity; Skull; Class President; Track "W"; C. E. Society; with Northern Pacific Railroad, 1912-14; U. S. A., Engineer Officer's Training Camp, Fort Leavenworth, Kansas, Sept.-Nov., 1917; Regimental Adjutant with 319th Engineers; Captain, July, 1918-19; Assistant Engineer, City of Cleveland, 1920; Assistant Professor, Civil Engineering, W. P. I., 1920; Secretary-Treasurer of the Alumni Association, 1922-.



INSTRUCTORS

IVAN EDWIN BIGLER

*"Pete"*

*Instructor in Physical Education*

Born in Bradford, Ohio; Juniata Academy, 1912; A.B., Juniata College, 1916; Springfield College, 1916-17; U. S. Marines; Instructor in Physical Education, W. P. I., 1921-; Member Skull at W. P.; American Physical Directors Association; American Football Coaches Association; Coach, W. P. I. Football, Basketball, and Baseball teams.





NELSON MARKLEY BORTZ, B.S., A.M.

*"Bortzie"*

*Instructor in Economics and Government*

Born in Collegeville, Pa.; Prep. Collegeville High School; B.S., Ursinus College, 1930; A.M., Clark University, 1931; Editor Senior Class Year Book; Editorial Staff of weekly college paper; Debating; Student at University of Pennsylvania, 1931-32; Fellow in Economics, Clark University, 1932-33; Instructor in Economics and Government, W. P. I., 1932-33; Member American Economic Association.



EDWARD CHOATE BROWN, A.B., M.A.

*"Brownie"*

*Instructor in Mathematics*

Born in Marblehead, Mass.; Graduated from Marblehead High School; A.B., Harvard, 1918; M.A., University of Maine, 1923; Instructor in Mathematics, General Electric Engineering School, 1918-21; University of Maine, 1921-24; W. P. I., 1924-; Member of Mathematical Association of America; N. E. Association of Mathematics Teachers; Society for Promotion of Engineering Education; National Education Association; American Association of University Professors.



WALTER RAYMOND DEVOE

*"Ray"*

*Instructor in Mechanical Engineering*

Born in East Brookfield, Mass. Assistant in Pattern-Making, W. P. I., 1924-30; Instructor in Mechanical Engineering, W. P. I., 1930-.



DONALD GRAHAM DOWNING, B.S.

*"Dcn"*

*Instructor in Mechanical Engineering*

Born in Worcester, Mass.; Graduated from South High School, Worcester, 1922; B.S., W. P. I., 1926; Member of Phi Sigma Kappa Fraternity; Skull Honorary Society; Masque; Basketball Manager; News Editor, Tech News; Associate Editor of the PEDDLER; Instructor in Civil Engineering, Lehigh University, 1926-27; Instructor in Mechanical Engineering, W. P. I., 1927-. Faculty advisor of the Masque.

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HARRY BENJAMIN FELDMAN, B.S., M.S.

*"Harry"*

*Instructor in Chemistry*

Born in North Brookfield, Mass.; North Brookfield High School, 1922; B.S., W. P. I., 1926; M.S., 1929; Instructor in Chemistry, W. P. I., 1926-; Member American Chemical Society; Worcester Engineering Society; Sigma Xi; Skeptical Chymists; and Reserve Officer's Association.



STANLEY HERBERT FILLION, B.S.

*"Stan"*

*Instructor in Civil Engineering*

Born in Springfield, Mass.; Prep. Springfield Technical High School; B.S., W. P. I., 1930; Tech News; Assistant Editor Tech Bible; Associate Editor PEDDLER; Member Tau Beta Pi and Sigma Xi Honorary Fraternities; Instructor in Civil Engineering, W. P. I., 1930-; Member of American Society of Civil Engineers.



JOHN EDWARD FITZGERALD, A.B., M.A.

*"Fitzy"*

*Instructor in Modern Languages*

Born in Fitchburg, Mass.; Graduated from Fitchburg High School; A.B., Clark University, 1927; M.A., Middlebury College, 1931; Student Assistant in Geology, Clark University, 1925-27; Instructor in Modern Languages, W. P. I., 1927-; Member of Alpha Sigma Alpha Fraternity; Alpha Epsilon Upsilon and Gryphon honorary societies; Director of Musical Association; Member of Alpha Tau Omega Fraternity.



FRANK W. GRANT

*"Frank"*

*Instructor in Swimming*

Born in Pittsburg, Penna.; Instructor in Swimming, Norfolk Naval Training Station, 1921-22; Olympics, 1924; Many New England Free-Style Championships, 1924-29; Instructor in Swimming, W. P. I., 1929-; Coach Swimming Team.





## BURTON LINWOOD GRAY

*"Burt"*

*Instructor in Foundry Practice and Superintendent of the Washburn Shops*

Born in China, Maine; Graduated from Maine Wesleyan Seminary; Instructor in Foundry Practice, W. P. I., 1910-; Superintendent of the Washburn Shops, 1928-; Author of "Foundry Practice"; Member of American Foundrymen's Association; American Society for Steel Treating; Worcester Engineering Society; Gray Iron Institute; Worcester Economic Club.

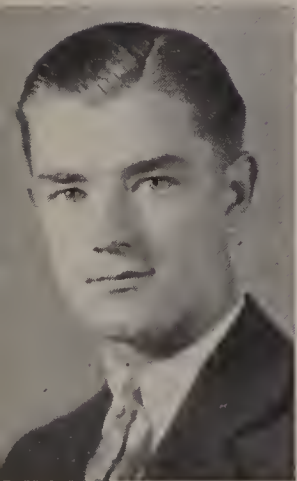


## EDWIN HIGGINBOTTOM, A.B.

*"Higgy"*

*Instructor in Modern Languages*

Born in Millbury, Mass.; Graduated from Millbury High School, 1921; A.B., Clark University, 1926; A.M., Harvard, 1932; Delta Mu Fraternity; Gryphon Honorary Society; Varsity Soccer; Varsity Basketball; Teacher of French, Millbury High School, 1926-27; Instructor in Modern Languages, W. P. I., 1927-; Coach W. P. I. Soccer Team.



## GUNNAR EUGENE HOLLSTROM, A.B., C.E.

*"Gunnar"*

*Instructor in Civil Engineering*

Born in No. Vassalboro, Maine; Graduated from Lawrence High School, 1926; A.B., Dartmouth College, 1930; C.E., Thayer School of Civil Engineering, 1931; Member of Kappa Kappa Kappa Fraternity; Green Key Honorary Society; Instructor in Civil Engineering, W. P. I., 1931-; Member Thayer Society of Civil Engineers; A. S. C. E.; Worcester Society of Civil Engineers.



## LESLIE JAMES HOOPER

*"Hoop"*

*Instructor in Hydraulic Engineering*

Born in Essex, Mass.; Graduated from Millbury High School, 1920; B.S., W. P. I., 1924; M.E., W. P. I., 1928; Member of Sigma Xi and Tau Beta Pi Fraternities; With Canadian General Finance Co., Ltd., Brazil, 1924-27; With C. M. Allen, 1927-; Instructor W. P. I., 1931-; Member A. S. M. E.

## CLYDE WARNER HUBBARD, B.S., M.E.

*"Clyde"*

*Instructor in Mechanical Engineering*

Born in Holden, Mass.; Graduated from North High School, Worcester, Mass., 1922; B.S., W. P. I., 1926; M.E., W. P. I., 1931; Member of Sigma Alpha Epsilon Fraternity; Tau Beta Pi, and Sigma Xi Honorary Fraternities; Track, Cross-Country, Football Teams; Instructor in Hydraulics at W. P. I., 1926-; Laboratory Assistant and Hydraulic Engineer at Alden Hydraulic Laboratory, 1926-; Member of American Society of Mechanical Engineers.



## CARL GUNNARD JOHNSON

*"Carl"*

*Instructor in Mechanical Engineering*

Born in Worcester, Mass.; Assistant in Forge Practice, 1917-21; Instructor in Forge Practice, 1921-31; Instructor in Mechanical Engineering, 1931-; Author of articles on Forging Practice and Metallurgy; Member of American Society of Mechanical Engineers and Worcester Engineering Society.



## CARL WILLIAM LARSON, B.M.E.

*"Butch"*

*Instructor in Mechanical Engineering*

Born in Worcester, Mass.; B.M.E., Northeastern, 1923; With Worcester Electric Light Company, 1921; Lombard Governor Company, 1923; Instructor in Mechanical Engineering, W. P. I., 1923-; Member of American Society of Mechanical Engineers; Society for Promotion of Engineering Education; Senate Honor Society of Northeastern University.



## WILLARD ELLIOTT LAWTON, B.S., M.S.

*"P"*

*Instructor in Physics*

Born in Worcester. Prep: Worcester English High School; B.S., W. P. I., 1920; M.S., 1922. Member Sigma Xi. Instructor in Physics, W. P. I., 1922-.





WILLIAM WILLARD LOCKE, JR., B.S.

*"Bill"*

*Instructor in Electrical Engineering*

Born in Framingham, Mass.; Prep. Huntington School, Boston; B.S., W. P. I., 1930; Member Lambda Chi Alpha Fraternity; Swimming sWt; Graduate Assistant in E.E., 1930-32; Instructor in E.E., 1932-; Assistant to Sup't. of Dormitory, 1931-; Associate Member A. I. E. E.



WALTER WILLIAM MONROE

*"Pop"*

*Instructor in Pattern-Making and Drawing*

Born in Shrewsbury, Mass.; Worcester High School, 1890; Holyoke Machine Co., 1890-1924. Instructor in Pattern-Making, W. P. I., 1912-26; Instructor in Pattern-Making and Drawing, 1926-; Author of "Pattern-Making."



JOHN MATTHEW PETRIE, B.S.

*"Matt"*

*Instructor in Chemistry*

Born in East Providence, R. I. Prep. Worcester North High School; B.S., W. P. I., 1929; M.S., 1931. Member: American Chemical Society, Worcester Chemist Club, Sigma Xi. Graduate Assistant in Chemistry, 1929-31. Instructor in Chemistry, 1931-.



M. LAWRENCE PRICE, B.S.

*"Cookie"*

*Instructor in Mechanical Engineering*

Born in Larned, Kansas; Prep. West Palm Beach High School; B.S., W. P. I., 1930; Member Sigma Alpha Epsilon Fraternity; Skull; Class President; Track "W"; Y. M. C. A. Cabinet; Tech Council; Instructor in Mechanical Engineering, 1930-; Member of American Society of Mechanical Engineers.

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WARREN RICHARD PURCELL, B.S.

"Bim"

*Instructor in Physics*

Born in Worcester, Mass.; Prep. Classical High School, Worcester; B.S., W. P. I., 1930; Member of Orchestra; Commencement Committee; Instructor in Physics, 1931; Member American Institute of Electrical Engineers.



LOUIS WINDSOR RAWSON, B.S.

"Rawson"

*Director of the Washburn Shops*

Born in Worcester, Mass.; Graduated from Worcester High School, 1889; B.S., W. P. I., 1893; Member of Sigma Xi honorary society; Baseball, Track; Treasurer Athletic Association; Business Manager of Year Book; Manufacturer of Bicycles, Rawson Mfg. Co., 1893-1901; Supt. H. C. Fish Machine Co., 1901-03; Supt. of Washburn Shops, 1903-23; Director of the Washburn Shops, 1923-; Lecturer in Organization and Finance, W. P. I., 1924-32; Member of Worcester Economic Club.



ALBERT JAMES SCHWIEGER, B.A., M.A.

"Al"

*Instructor in Economics and Government*

B.A., Hamline University, 1928; M.A., Clark University, 1929; Assistant in Economics and Sociology, Clark University, 1928-29; Fellow, 1930-32; Instructor in Economics, University of North Dakota, 1929-30; Economics and Government, W. P. I., 1930-.



VICTOR SIEGFRIED, A.B., E.E.

"Siggy"

*Instructor in Electrical Engineering*

Born in Seattle, Wash. Prep: Palo Alto, Cal., High School; A.M., Stanford, 1930; E.E., Stanford, 1932. Member of Alpha Phi Omega; Sigma XI; Camera Club; Cosmopolitan Club; Author of paper on Effects of Atmosphere Conditions on Corona Loss; Instructor in Electrical Engineering, W. P. I., 1933-.





ELLIS RUSSELL SPAULDING, B.S.

*"Ellis"*

*Instructor in Mechanical Engineering*

Born in Keene, N. H.; Prep. Keene High School; B.S., W. P. I., 1932; Member Theta Upsilon Omega Fraternity; Tau Beta Pi; Sigma Xi; Class Day Committee; Instructor in Mechanical Engineering, W. P. I., 1932-; Member American Society of Mechanical Engineers.



ARTHUR JUSTIN STAPLES, B.S.

*"P. P."*

*Instructor in Mechanical Engineering*

Born in New Brunswick, Canada; Graduated from Washburn High School, Washburn, Me., 1922; B.S., University of Maine, 1927; Member of Sigma Chi Fraternity; University Band; Campus Board; Rifle Team; Instructor in Mechanical Engineering, W. P. I., 1927-; Member of American Society of Mechanical Engineers.



PAUL RICHARD SWAN, A.B., A.M.

*"Paul"*

*Instructor in English and General Secretary of Y. M. C. A.*

Born in Rhinelander, Wisconsin; Graduated from Technical High School, Providence, R. I., 1919; A.B., Clark University, 1926; A.M., Clark, 1929; Member of Delta Mu Fraternity; Editor Handbook and Yearbook; Dramatic Club; Glee Club; Quartette; Secretary of Boy's Work, Worcester Y. M. C. A., 1923-25; General Secretary of W. P. I., Y. M. C. A., 1925-; Instructor in English, W. P. I., 1928-; Member W. P. I. Alumni Association; Clark Alumni Association; National Association of Y. M. C. A. Secretaries.



ARTHUR MOTT TARBOX, B.S., E.E.

*"Art"*

*Instructor in Physics*

Born in Chelsea, Mass.; Prep. Laconia (N. H.) High School; B.S., W. P. I., 1928; E.E., W. P. I., 1931; Member Tau Beta Pi; Sigma Xi; Theta Chi Fraternity; Track "W"; Band; Y. M. C. A. Cabinet; Research Engineer for Westinghouse Electric and Manufacturing Co., 1928-31; Instructor of Physics, W. P. I., 1931-; Associate Member of A. I. E. E.

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ALMON FRANCIS TOWNSEND, JR., B.S.

"Frannie"

*Instructor in Mechanical Engineering and Assistant to  
Professor of Business*

Born in Worcester, Mass.; Prep. North High School, Worcester, Mass.; B.S., W. P. I., 1931; Member Phi Gamma Delta; Tau Beta Pi; Sigma Xi; Skull; Track "W"; Manager Football; President Athletic Association; Tech Council; Permanent Class Vice-President; Instructor in Mechanical Engineering, 1931-32; Instructor in Mechanical Engineering and Assistant to Professor of Business, 1932-; Member A. S. M. E.



BERNARD LEIGHTON WELLMAN, B.S.

"Bernie L."

*Instructor in Mechanical Engineering*

Born in Joliet, Ill.; Prep. Joliet Township High School; Joliet Junior College; B.S., University of Illinois, 1930; Member of Tau Beta Pi, Pi Tau Xi Honorary Fraternities; Instructor in Mechanical Engineering, 1930; Member American Society of Mechanical Engineers.



JOHN HAMILTON WHENMAN, B.S.

"Ham"

*Instructor in Mechanical Engineering*

Born in Leominster, Mass.; Graduated from Leominster High School, 1922; B.M.E., Northeastern University, 1926; Member of Beta Gamma Epsilon Fraternity; Society for Promotion of Engineering Education; Instructor in Mechanical Engineering, W. P. I., 1926-.



CHARLES LESLIE WRIGHT, B.S.

"Charlie"

*Instructor in Mechanical Engineering*

Born in Worcester, Mass.; Prep. Palmer High School, Palmer, Mass.; B.S., W. P. I., 1930; Member Lambda Chi Alpha Fraternity; Tau Beta Pi Honorary Fraternity; Y. M. C. A. Cabinet; Basketball Manager; Instructor in Mechanical Engineering, W. P. I., 1930-; Member of American Society of Mechanical Engineers.



# CLASSES

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COSINE ALLEY



KEENAN  
DAVENPORT

WHITTUM  
SELLEW

GRIERSON  
WHITCOMB

# SENIORS

## CLASS

### OF

### 1934

#### CLASS OFFICERS

##### *First Term*

|                           |                        |
|---------------------------|------------------------|
| EVERETT F. SELLEW.....    | <i>President</i>       |
| GORDON P. WHITCOMB.....   | <i>Vice-President</i>  |
| HOWARD A. WHITTUM.....    | <i>Secretary</i>       |
| JOHN H. KEENAN.....       | <i>Treasurer</i>       |
| PAUL S. GRIERSON, JR..... | <i>Historian</i>       |
| RICHARD L. GOODWIN.....   | <i>Auditor</i>         |
| WARREN H. DAVENPORT.....  | <i>Member-at-Large</i> |

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## CHARLES STREETER ADAMS

*"Charlie"*

ΘX

Mechanic

Worcester

FOR many years Charlie's little mustache has been one of the points of interest of the Washburn Shops, where his title of Chief Designer has given him an office in which to park his books. He joined our ranks after spending some time at Mass. State. Being a Mechanic he has always had the ability to make his little car climb the heights of Boynton Hill in time to make an eight o'clock. In the short time he has been with us, his pleasing personality has made many friends for him.



## LEONARD BOWERMAN ALMY

ΘX

Mechanic

Marblehead, Mass.

Rifle Team; Aero Club

"LEN" hails from Marblehead and, true to tradition, boats are one of his hobbies. Allied closely with this inclination is his interest in all things mechanical. We must not forget that he is something of a musician, and we shall always remember him as one of the main props of our rifle team. In short, Len is an all-round engineer, a real fellow whose spontaneous enthusiasm will carry him far in his chosen work.



## BERTIL HERMAN ANDERSON

*"Bert"*

Electric

Worcester

Activities: A. I. E. E.; Rope Pull

NORTH High sent another honor student to Worcester Tech in the person of Bert Anderson. He descended from the heights of Belmont Hill to conquer Tech and always showed up with the right answers. Although not very active in extra-curricular activities, he has quite a reputation on the "Hill" as a basketball player. Bert was a friend in need when we other poor mortals came to class without our work done.





## HENRY COOMES ASHLEY

*"Hank" "Ash"*

ΦΣΚ

Mechanic

East Longmeadow, Mass.

Soccer; A. S. M. E., Sec. and Treas.; Masque; Aero Club;  
Invitations and Gift Committee

HENRY is another leading character from Springfield who has made a name for himself here at "Tech." We have found him active on the soccer field and he's always ready and willing to give a helping hand in any activity. Despite the fact that most of his spare time is taken up out in Holden with that one and only (he claims he studies Business Law out there), his studies have not been neglected as can be seen from his good marks. With his well known smile, scholastic ability, his eagerness for activities, and his social achievements, we are certain that Henry will make good and expect to hear much more from him later, in the business world.



## HOWARD WILLIAM ATKINS

Mechanic

Amherst, Mass.

THIS quiet and unassuming member of our class hails from Amherst. Even though during his freshman year his record was lowered slightly because of a prejudice against French, he was one of our honor men. Now, without that handicap, he has advanced even higher and has established himself as one of the topmost in the class. Of late it is no unusual occurrence to hear a classmate inquiring as to a certain change in Howard's life. Those of us who know him better can readily name the cause and think it for the best. In fact, we have to back his viewpoint to justify our own.



## RICHARD DAVIS BARNARD

*"Dick"*

ΦΓΔ ΤΒΠ ΣΞ

Glee Club; Tech News; Bus. Mgr. Tech News; Editor  
Tech Bible; Sec. "Y" Cabinet, Gen. Chairman  
Commencement Committee

RICHARD, alias "Pete," Barnard turned out to be one of the outstanding representatives of the Worcester delegation in Tech. His carefree attitude is rather deceiving, as his name always appeared on the honor roll at the end of each semester. He also had the ability to carry on many extra activities on the Hill. His pink cheeks and swanky gait may be attributed to his daily walk from his hermitage on Randolph Road.

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## EDWARD LOUIS BARRETT

"Ed"

Friars

Mechanic

Northampton, Mass.

A. S. M. E.; Glee Club; Band

NORTHAMPTON sent out another illustrious son, when Ned came to Tech. He started right away winning honors and kept it up to the final honor roll. Besides his scholastic aptitude he has managed to be active in many extra-curricular activities, as shown by the list above. Ned has always lent a willing hand to anyone that needed it, and who can say that he never let a fellow have a dance, for Ned and (——) were familiar figures at all of Tech's Terpsichorean Affairs. His pleasing personality won him many friends both here and at colleges for the fairer sex—and thus we have a typical Tech man.



## GEORGE AUSTIN BENNETT, JR.

A. I. E. E.

Electric

Ashland, Mass.

"BENNIE" is probably one of the more extensively traveled members of the class. His daily journeys between Ashland and Worcester have furnished him with a wide acquaintance and an extensive supply of stories. Four years of study with the Electrics here at Tech have failed to daunt his capabilities but rather have shown that his chosen field is well selected. A congenial disposition together with the ability to pull through indicate a successful future for him.



## HENRY ARTHUR BENOIT

"Art"

Chemist

Fisherville, Mass.

Skep Chemists

BEN is a native from Fisherville and can always tell you the latest news from there. His serious countenance hides a warm personality and an ever-ready wit known to exist by only his intimate friends. Although Ben has not been active in sports at Tech, he is always keenly interested in them and he was never known to miss a game. Lots of luck to you, Ben, and always remember the real friends you have made at Tech.





## WARREN MERTON BERRELL

*"Berri"*

ATΩ SKULL

Chemist

Worcester

Junior Editor, Editor-in-Chief *Tech News*; PEDDLER Staff;  
Man. Tennis; Interfraternity Council "Y" Cabinet;  
Chairman Tech Carnival; Basketball; Football;  
Masque; Tech Council; Rope Pull

THE entrance of a substitute into the game—the whistle—the kick-off—the end of the play, and, alas and alack, the sub does not rise from the ground. This depicts the meteoric rise, and shall we say "fall" of Berri's entrance and exit in college football.

However, such was not his fate in other forms of extra-curricular activities, for in many fields he gathered many honors and proved to be one of the outstanding men of his class.

With his cherubic countenance, enhanced by an "ear to ear" grin, he invariably made his eight o'clocks on the stroke—of quarter-past.



## JOHN ALDEN BIRCH

*"Johnny"*

Electric

Branford, Conn.

Radio Club; A. I. E. E.

BRANFORD, Conn. supplied us with a regular fellow in John. He is always ready to give you a helping hand. Who will ever forget the model T Ford—not so good to look at but it sure did give us some thrills?

Johnny is endowed with an engineering inquisitiveness which should help him a great deal in his chosen profession. It is a known fact that John has done a great deal of research in the operation of A.C. motors on a D.C. supply.

His cheery disposition will be greatly missed by faculty and students.



## JOSEPH ALBERT BOBER

*"Joe"*

Civil

Lowell, Mass.

Newman Club; A. S. C. E.

"JOE" is one of those good-natured, irresistible fellows who takes life as it comes and lets the rest of the world go by. While on the Hill he was a diligent student, ever in quest of knowledge. However, many of his classmates can testify that he was also ready for a good time, and many memorable occasions have proven this. He is sure to make his mark in this world of ours.

PAUL WALTHER BOOTH

"Swede"

ΦΓΔ

Mechanic

Football

Orange, N. J.

"SWEDE" has made an enviable record on the "Hill" in both studies and athletics. His four years at Tech have not been spectacular, but rather those of a well-balanced life.

Although fraternal and school activities have taken up a good deal of his time, "Swede" never seems to be in a hurry except on Saturday nights. "Swede's" activities in Worcester do not have to do with the fairer sex, but rumor has it that in New Jersey it is a different story. His calm and never-worry attitude are an asset that any of us could profit by. He is, without doubt, a valuable and popular member of our class, and we wish him lots of success.



VINCENT FIEBER BUELL

"Vin" "Vinny"

ΦΣΚ

Civil

Mt. Berry, Georgia

Band (1-2); Track (1, 2, 3, 4) (W); Cross Country (W);  
Capt. Cross Country (4)

THIS young man came to Tech filled with courage and the determination that no matter what the odds were he'd win out in the end. He has had more than his share of misfortune but never has that smile disappeared from his countenance. We remember him best as he finishes that long grind, the Cross Country run, for with that same will to succeed he was usually the first on either team to make his appearance at the South end of the field. Vin's biggest handicaps were, "The book's wrong" and his ability to sleep through dry lectures, but we understand that those wedding bells aren't far off, so we see no reason for the continuance of those handicaps.



WARREN READ BURNS

"Buggs"

ΘΥΩ

Mechanic

Plymouth, Mass.

Basketball Man.; Tech News; Jr. Marshall; Chairman  
Junior Prom; Soph Hop Comm.; Cheerleader; Hd.  
Coxswain Rope Pull; A. S. M. E.; Historian;  
Class Day Comm.; Paddle Rush

"BUGGS," as we all remember, was a busy man while on the Hill, and we might add that his time was equally as well occupied with his duties on Wachusett St. If he was not busy getting scoops for the Tech News, he was chasing Pete Bigler or one of the basketball compets. We give "Buggs" a lot of credit for putting over our Junior Prom with such a bang. This valuable man has been a great asset to our class and we wish him much success in all his future undertakings.





## WILLIAM EDWARD BURPEE

*"Bill"*

OX

General Scientist  
Assistant Manager Track; "Y" Cabinet; Tech Council;  
Cosmo Club

Reading, Mass.

BILL hails from the metropolis of Reading, of which, according to him, Boston is but one of the suburbs. Like many young men, Bill, in seeking the broadening things in life, went West, but only in the geographical sense, as he stopped at Tech. On the hill, Bill has always had a keen interest in the activities; besides this, he has endeavored to maintain scholarship. With the years, Bill has developed a sense of keen mathematical reasoning, from which, no doubt, he assumes the theorem of "Least Work." One will find him welcoming a discussion of any nature at any time and with anyone, and we feel that if he maintains such an interest and cordiality, he will find life in the better form.



## EDWARD DOLBY CHASE

*"Eddie"*

Civil

Springfield, Mass.

THIS young man, ladies and gentlemen, is our own Eddie Chase, small in stature but abundant in the pep and vigor which has characterized his life here on the Hill. His numerous trips to Springfield have led us to believe that there is perhaps a budding brunette in the City of Homes who puts all those smiles on his face of a Monday morning. Eddie's willingness to pitch in and give a hand to a friend in need has made many friendships which will be long remembered in years to come.



## EMILE JOSEPH CHAUVIN

Civil

Webster, Mass.

EMILE drifted to us from the class of '33, but he has made his presence felt in and around the Boynton drafting room. Apparently never lacking for a remark or a story to fit any occasion, he was quite the life of the senior drafting room. Strangely enough, however, in some classes, especially A. J.'s, he became a strange man, often slumbering peacefully while the boys watched and waited for "*rigor mortis*" to set in.

## ROBERT NORMAN CLARK

*"Norm"*

ΦΓΔ

Mechanic

West Hartford, Conn.

Interfraternity Track; Swimming; Basketball

NORM came to us from the class of '33, being a victim of that thing which reaches out and traps the unwary. After several years of struggling he has arrived at last, finishing well up in the field. A semester at M. I. T. convinced Norm that there is no place like Worcester Tech for a well-rounded education. So back he came with his hearty laugh and easy wit to once more incur the ire of those about him by writing his reports as much as a week before anyone else. While the rest of us were burning the midnight oil, Norm was off somewhere with anything but waterwheels or inductive circuits on his mind.



## HARRY FRANCIS CLARKE

ΣAE

Electric

Worcester

Orchestra (2, 3, 4); Banjo Club (1, 2); A. I. E. E.; Newman Club

WHEN you want to consult a real authority on music, by all means look up Harry, the crooning banjoist of the Boynton Hill Billies. Aside from being a musician, he has the makings of an excellent engineer, thanks to the Five Year Plan, Institute Model. A very positive individual, he never hesitates to admit his error, after you prove it. Harry has never been known to have trouble with a difficult course. It was only the most insignificant of the M. E. courses which ever troubled his days and nights.



## BLAKSLEE HUTCHINS COLBY

*"Blake"*

ΛΧΛ

Electric

Framingham, Mass.

A. I. E. E.

To paraphrase a popular old slogan, "if you can't, Blakslee can," for his scholastic records are such as to make those of us not belonging to the intelligentsia assume a pale lavender hue. Like all mortals, however, he has his weaknesses. Observations show that these are blondes and brunettes, with brunettes leading, three to nothing. All in all, Blakslee, with your yen for things concerning electricity, astronomy, and beautiful young ladies, you should be invincible.





## ERNEST MILTON CROWELL

ΘΥΩ

Chemist

Greenfield, Mass.

WHO of us could forget Ernie's rare laugh, ringing through the Dorm or among the beakers and flasks of the Organic Lab? Or his yen for sleep, Chem Engine or no Chem Engine? And his blushes? His Ernest Crowell—I—! is traditional at 30 Institute, and his Cast me out! and Get moving! are cheery sayings we're sure to miss. Ernie's graphic descriptions, with flourishes, will go down in the history of our college life with the memories we hold of classroom and dance floor. In four years, this poet of the farmlands attended less than half a dozen Tech dances, but rumors have it that his frequent week-ends at home were full of the joy of life.



## FRANCIS JAMES CROWLEY

*"Frankie"*

ΑΤΩ

Chemist

Fall River, Mass.

Football; Manager Baseball; Subscription Manager PEDDLER; Vice-Pres. Masque; Junior Marshal; Chairman Half-way-Through Banquet; Tech Carnival

SMILING, joking, and a little horse-play now and then, never stopped Frankie from making the grade in four years, although some of us wondered just what system he used. Did you say money-player on exams?

Frank first came into prominence as the leading spirit of the sophomore vigilance committee, and he has been in the spotlight ever since. He has been very active in both school and outside activities. No harm is meant by the latter remark, except that Frank's popularity is not limited to members of the male gender, the old heart-breaker.



## MERRITT EDWARD CUTTING

*"Cut"*

Chemist

Cherry Valley

POSSESSING a pleasing personality, winning smile, and an abundance of character, Merritt formed many friends among his classmates without the slightest difficulty. Many of his fellow Chemists gazed with amazement at his methods of solving problems by the simple algebraic proportion. Merritt came to Tech from the neighboring town of Cherry Valley, but he held his ground with the supposedly "keen" men of the city. In his thesis work he made a sanitary survey and chemical analysis of his town's water supply. We hope his work will benefit both himself and his community.

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## CHESTER GUSTAF DAHLSTROM

*"Chet"*

Aeronautics

Worcester

A. S. M. E.

CHET is one of the dependable fellows who hails from North Worcester. He has the high aspirations that all aeronautics have. His ambition is to fly either a plane of his own or one of the U. S. Navy's. The Pensacola training station looks good to Chester. While on the Hill, he has not been active in any of our athletic associations or any other clubs because he prefers to spend his spare time on photography and developing pictures. Whatever Chester does after graduation we are sure that he will be as successful as he has been at Worcester Tech.



## HERBERT WARREN DANIELS, JR.

ΘΤΩ

Mechanic

Woodstock, Vt.

A. S. M. E.

"WIMPY," though small in stature, showed a change recently when he became strong and silent in addition to his ever-present strength, and we might add, courage. Though he may not be present, his silence as to where he is, was no doubt prompted from the unfortunateness of having every one knowing of his presence as well as some of his strange happenings in the past. Despite this he has been able to fight his way to the top, against many difficulties. He has a way of doing things all his own, and above all, he has been able to make his method successful in operation. His excellent imitations will be missed when the time comes that he will leave.



## WARREN HOLT DAVENPORT

*"Davy"*

Electric

Worcester

Soph. Tennis; Soph. Soccer; Member-at-Large (2, 3, 4)

DAVY dashes daily from peaceful Greendale with a full passenger list to make an eight o'clock—at North High. Then he retires to the Dorin to instruct all comers in the art of cleaning off a pool table with dispatch. Incidentally he goes to Tech in his spare time. Worry and anguish over studies have caused Davy to tear his hair out to such a degree that a P.G. course will be fatal. We'll remember him always on those inspection trips—a full boatload and zoom, he's off in a cloud of dust!





## CHARLES SAMUEL DAYTON

Electric

Danielson, Conn.

A. I. E. E.

A GENIAL good humor, a smiling countenance, and a ready wit, combined with real ability and the faculty of adopting a serious mien when the occasion demands, and we have enumerated "Charlie's" chief characteristics. He leaves "Tech" with everyone his friend, and it is with their sincere good wishes that he goes to the outside world to achieve inevitable success.



## WILLIAM JAMES DENNING, JR.

ΣAE

Chemist

Worcester

Track; Junior Marshal; Skep. Chemists

BILL came to Tech from South High, that veritable gold mine of track men, and continued to burn up the cinder paths under the banner of W. P. I. He had the knack of guessing just when Doc Jennings was going to spring a quizz and what questions Dinny would ask on the finals. This was a big help to us because it was the only way we could pass Dinny's exams. Bill has been one of the most consistent supporters of the social functions on the Hill, and has been especially consistent with reference to that certain young lady with whom he is always seen.



## WILLIAM FRANCIS DRAKE

"Bill"

ΦΓΔ

Civil

Framingham, Mass.

Class Football; Track; Civil; Newman Club; Masque; Football; A. S. C. E.; Tech Carnival

WE shall always remember Bill for his unbounded and contagious enthusiasm which accompanies anything he undertakes. Commuting from Framingham, Bill had little time for outside activities, although the venerables on the football squad will remember when he was a bustling bundle of energy in one of Tech's more successful backfields. Bill also won his letter in Track before age and long hours over Boynton Hall drawing boards took their toll. His fine personality has won him many friends on the Hill and we all wish him much success.

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JAMES ROY DRISCOLL

"Drizzy"

ΣAE, SKULL

Electric

Holyoke, Mass.

Football; Baseball; Captain Baseball; Newman Club;  
Rope Pull; Interfraternity Council; A. I. E. E.;  
Junior Prom Committee

WHEN you hear a mighty roar coming across the barren reaches of Institute Park declaiming the virtues of all Electrics and the vices of all Mechanics, who is it? Of course, it is none other than "Fuzzy" Driscoll trying to cover up the mistake he made four, no, five, years ago, when he signed up for the E. E. Course. During his first three years, "Adonis" caused many a broken heart among the fair sex of this noble city and its surrounding hamlets. After that, a home-town girl took him practically out of circulation, and even Driscoll's marks went on the up-grade. Will wonders never cease?



DWIGHT JAMES DWINNELL

"Dinny"

Mechanic

Orleans, Vermont

Basketball (1): A. S. M. E.; Vice-Pres. A. S. M. E.; Class Auditor; Class Sec.; Soph Hop Comm.; Junior Prom Comm.; Senior Prom Comm.; Chairman Aero Club

"DINNY" is a great lover of nature and of the great out-of-doors, with its attendant pleasures, especially fishing. He can probably tell you some pretty good stories of his accomplishments in the pursuit of the pastime of Isaak Walton. Up where he comes from, in the cold north woods of Vermont, it gets pretty cool, so he claims, the thermometer wavering around 50 below zero all winter (the wind she blow on lac St. Pierre, an' how). He further avers that he has no use for girls, but the old Chevvy coupe used to see some hard riding, especially in the vicinity of Boston.



CHARLES JOSEPH EGAN

"Reo"

ΣAE

Electric

Worcester

Track (W) 1, 2, 3, 4; Relay, 2, 3, 4; Newman Club

CLASS can now begin because Red has arrived. Now is the time for all men, good and true, to come to the aid of the "Mad Monk." Pens, pencils, and paper will now be in demand, as a report must be written during this class in order that our speedy friend may once again baffle the great and mighty M.E. Department with his polished and concise report. There is no doubt that Red has a brilliant mind, and he is bound to be a success in the future.





## CHARLES SAMUEL FRARY, JR.

*"Charlie"*

ΘΥΩ, SKULL

Chemist

Newton Highlands, Mass.

Skep. Chemists; Glee Club; Track; Cross Country; Cosmo Club; Pres. Cosmo Club; Tech Council; Pres. Musical Association; Commencement Comm.

"SAM" is a hard worker both in class and in his outside activities. His sincerity is unsurpassed and his accomplishments are many. He has set for himself an ideal for which few others would dare to strive and with this ideal he has set aside those habits which are common to so many college men. He goes about each task in a sure and quiet way. His accomplishments on the campus are worthy of note and with his departure from Tech there exists a vacancy which will be hard to fill.



## ROBERT WILLIAM FULTON

ΑΧΑ

Electric

Manchester, N. H.

Rope Pull; Class Bowling; A. I. E. E.; Aero Club

ROBERT came to us from up-state New Hampshire, and during his stay at Tech he has given us the impression that there are some pretty regular fellows up in that district. We shall long remember his spontaneous laughter which would break the silence in many E.E. classes. He has always had a keen interest in his work and indications are that Robert will make a fine engineer. We certainly wish him much success.



## GEORGE GUSTAVE GLEISBERG

Chemist

Clinton, Mass.

Rope-Pull (1 and 2); Paddle Rush (2)

GEORGE is another one of those commuting Clinton boys. He is perhaps best known as the driver of that classy Model "T" which serves as a jitney for several of the lads from Clinton, that well-known Massachusetts metropolis. Organic chemistry has been his nemesis here at Tech. However, "Kaiser" Jennings would say, "never memorize—just know the facts." Hence, since we are quite certain that George knows about the facts of life, he should make a go of it after graduation.

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## RICHARD LEROY GOODWIN

*"Dick"*

ΦΣΚ

Electric Springfield, Mass.  
Band; Orchestra; Glee Club; Junior Prom Comm.; Senior  
Banquet Comm.; Class Auditor

FROM the direction of the spotlight we hear a low voice moaning the Saint Louis Blues in pig Latin. Closer inspection reveals a tall youth with wagging thumbs singing expressively into a microphone. Such is our Dickie. His personality, unique abilities, and ever active sense of humor have put him in the spotlight and will always keep him there. Dick will make a good engineer, too, because he has already proved this while he has been with us. Perhaps he had better change his nickname from Dick to Dash, because the latter goes so well with Dot. Right, Dickie?



## ROBERT SHOAL GRAND

*"Bob"*

ΣΩΨ

Civil Brockton, Mass.  
Band; A. S. C. E.

BOB is one of the selected few who never has to worry through a make-up exam in the Civil department and this is considered quite an honor. Besides being conscientious in his studies, Bob is also a good basketball player, and the enthusiasm with which he beat the bass drum for the band will be hard to replace. We hear that he is going to be a second lieutenant in the Army soon. Well, if he is as good a soldier as he was a student at W.P.I., he'll be general before long.



## HAROLD FRANCIS GREENEY

FRIARS

Mechanic Cherry Valley  
Glee Club

HAROLD is another hustler from Cherry Valley, and there was not one dull moment in his four years at Tech. He was always in the thick of things up in the M.E. building, and if there was anything exciting going on you could always count on Harold to be there. His cheery smile has won him a host of friends on the hill. His Cherry Hill drawl and his quick wit have made him one of the most interesting and amusing members of our class.





## GEORGE DONALD GREENWOOD

"Ghandi"

Electric

West Boylston, Mass.

Glee Club (1, 2, 3, 4); Quartette (1, 2, 3, 4); Rope Pull (2); Class Soccer (1, 2); Class Swimming (2); Class Skit (2)

FOR four years Ghandi has come roaring in from the wilds of West Boylston, which must be quite a place. First he put up a '34 banner in the dead of night which remained up for over a week. Next he elbowed his way into the Quartette and became one of the attractions at assembly—not for his singing however! Now he is ghost-writing for the *Tech News*. That bow-legged creature dashing around the campus with a bag in each hand can be none other than Ghandi. The Hill is such a pleasant place that he has decided to remain a while longer to sketch up the blackboards and to write more of his famous inspection trip reports.



## PAUL STIREWALT GRIERSON, JR.

ΦΓΔ, TBII

Mechanic

Maplewood, N. J.

Class Football; *Tech News*; Camera Club; Soccer; Rope Pull

FOR information About Touring Europe on a bicycle see Paul. In fact, he can give you information on almost any subject, and you can believe most of it. He is a man of deeds as well as words, and has even succeeded (more or less) in installing an efficient heating plant in his open Ford. One of Paul's greatest assets is his manly beauty, which makes men like him at sight, and appeals to the mother instinct in every woman. But he needs no aid to success. Ability alone will get him whatever he goes after.



## PAUL GARRISON GUERNSEY

ΣΔΕ

Mechanic

Stamford, Conn.

*Tech News* (1, 2, 3, 4); Aero Club (1, 2); A. S. M. E. (3, 4); Rope Pull (1, 2); Newman Club (1, 2, 3, 4); "Y" Carnival (3)

NEWS while it is news, and did he get it! For four long years the Walter Winchell of Boynton Hill haunted the high-ways and by-ways, peeking in keyholes and behind fences in search for material for his Campus Low Down column in the *Tech News*, probably the only part of that publication which escaped the waste basket. Besides being the terror of the wayward gentlemen of the college, he established an all-time record of his own before the Christmas holidays, one which will long be remembered at the S.A.E. House. Although not a Tau Beta Pi candidate, we predict a successful career for Paul, if and when the Standard Oil starts selling gas again.

## JOSEPH HADDAD

*"Joe"*

Mechanic

Norwich, Conn.

MEET our Joe, gentleman from Connecticut. To know Joe is not only a privilege but an education in itself. He has many lessons to teach in perseverance. His ability to keep cool and never worry is an enviable quality. His ever present smile and congenial personality make him a very desirable associate. Joe has always been active in all class activities and he will be remembered as being one of foremost in many of the frosh-soph tussles in our earlier days. We wish Joe much success in his undertakings.



## BERTIL FREDERIC HAMMARSTROM

*"Bert"*

Electric

Worcester

Radio Club (1, and 2)

DURING his stay at Tech "Bert" had very few idle moments, and we can attribute this not wholly to his school work. Outside activities, including occasional visits to a town near Boston, claimed a good portion of his time.

Diminutive in size, "Bert" always managed to be in the run of things, and his ever pleasant smile marked him as one of the well-liked members of his class. He had the enviable ability to get his work done without much effort, and one will long remember him putting the final touch on his homework just as the opening bell rang.



## THEODORE FRANCIS HAMMETT

*"Ted" "Red"*

ΦΣΚ

Electric

Danielson, Conn.

Class Track; Radio Club; PEDDLER Staff; Camera Club;  
Junior Banquet Comm.; A. I. E. E.; Senior Hop  
Committee

IN stature one of our smallest, but in achievements and in personality one of our biggest men, is this genial red-headed fellow who has no fear of even the tallest of men. Always willing to participate in anything which promises merriment, Ted never wants for a host of good friends. He has shown some spectacular basketball playing and indeed no inter-school athletic event is complete without this fast, wiry, little flash from Danielson. As an entertainer Ted is particularly adept at producing the deliberations of the egg-laying hen, including sound effects.





## CURTIS ANDERSON HEDLER

ΘΥΩ

Electric

Taftville, Conn.

Rope Pull (1 and 2); Freshmen Football; A. I. E. E.

"CURT" is one of those well-liked fellows from Connecticut who has plugged through here for four years and has come through with honors and friends enough to give him a grand start in the business world. Although his studies have kept him pretty busy here he has found time to get home quite a few week-ends for inspirations to carry him through for the next week. We all envy his mysterious power he has over women. If Curt does as well in the business world as he has done here we are sure to hear big things from him later.



## MANNING HOLOFF

"Manny"

Mechanic

Worcester

Paddle Rush; Push Ball; Interfraternity Track, Swimming; Basketball

"MANNY" has been the dark man of many a "fem's" career since his entrance at Tech in '29. His conquests have reached from Maine to Florida and without doubt that is why he left us for the winter of 1932-1933 for these sunny quarters. One will find Manny in the midst of every argument whether it be the result of that last Business exam. or the depth of the snow last February. Anyway, we know that it will hold him in good stead in the near future when he must persuade the boss that he needs him. Best of luck, Manny.



## RUSSELL P. HOOK

"Russ"

ΔΧΑ

Mechanic

Worcester

A. S. M. E.

"RUSS" climbed the Hill to Worcester "Tech" from the South High School in the fall of 1930. During his four years at Tech, he has made a great many friends with his cheery and pleasant manner.

All who have known him, know that he is probably *the* outstanding hunter and fisherman of the class. Whenever "Russ" has an afternoon or week-end to himself, he may be found roaming through the woods, hunting, or fishing at some lonely lake. Even with his time-taking "hobby," Russ can be depended upon to have his "preps" correctly done so that the rest of us can get a little advanced information before class. No matter what line of work Russ will take up, he's sure to be a success.

## STEPHEN LOUIS HREUSIK

*"Steve"*

Electric

East Douglas, Mass.

ALTHOUGH Steve rose with the cows and chickens out in East Douglas, he invariably arrived late to class. He made up, however, for this discrepancy by occasional spells of whirlwind effort(?). Steve especially enjoyed coming to school on Fridays so that he could continue his arguments with Koziol in M.E. lab. If both boys come back for a P.G., we trust that the argument will be settled. However, Steve's unfailing humor and easy-going nature has certainly made smooth the road for many of us here at Tech.



## CLAYTON EDWARD HUNT, JR.

*"Mike"*

ΣΞ

Mechanic

Columbia, Conn.

Masque; Band; Sec. A. S. M. E.; Aero Club

As a little country lad, this genius was introduced to us in our Freshman year. All was quiet until we reached a course known as Strength of Materials. A comment made in one of our weekly quizzes thrust him immediately into the public eye. Professor Merriam, Mr. Spaulding, and Mr. Staples will interrupt themselves in the middle of a complex discussion and say, "Is that right, Mr. Hunt?" All instructors think twice before they commit themselves when Mike is around. A little smile, welcomed by his classmates, reassures them. Mike is certain of success.



## ROBERT DAVIS HUNTER

ΑΧΑ

Civil

South Sudbury, Mass.

Class Football (1, 2); Football (1, 2, 3, 4) (W); Baseball (1); Basketball Seconds (3); A. S. C. E.

BOB's activities in interclass sports and varsity football have made him a popular fellow on the Hill. His ever-present smile is symbolic of his jovial personality and true sportsmanship. During Bob's term of mental gymnastics, a certain member of the Canidac family has been made his namesake. Well, better luck next time, Bob. When it comes to less technical things, it seems that Bob has developed a keen interest in the home town. We feel certain that Bob's determination will win him his letter in the scrimmages of life as it won him his "W" in football.





## THOMAS A. HYDE, JR.

"Tom"

ΦΓΔ

Mechanic

Woodmont, Conn.

Class Track; Class Football

A CHEERY face and a pleasing personality has made many friends for Tom here at Tech. Among the Mechanics he has gained a reputation for his ever ready, witty remarks. Although he was always a staunch advocate for longer sleeping hours, he always seemed to have his work done on time. Now that he is ready to conquer the world, we expect to hear of his promotion from the office of publicity manager to that of Mayor of Woodmont, Conn.



## PAUL EVERETT JOHNSON

"Paul"

ΦΓΔ

Civil

Worcester

A. S. C. E.; Masque

PAUL, a diminutive Worcester lad is one of those quiet chaps who are very much more on the go than is evident at first glance. To look at Paul, one would never think that the innocent-looking boy liked to tear around a little. Paul was out of school for a year working as a civil for the grand commonwealth of Massachusetts. Strange as it may seem, he still wants to get out of dear W.P.I. Paul worked quite hard during his last year, and as a result received the very choice nickname of "scabber." All the luck in the world, Paul.



## GEORGE KALISTA

ΘΧ, SKULL, TBII

Mechanic

Springfield, Mass.

Track (1, 2, 3, 4), Captain (4); Class Track; Rope Pull;  
Class Bowling

FROM the western section of the State hailed this mighty man, whose leadership laid dormant in the first term of the Freshman year. With the first signs of Spring, George was seen out on the field putting the shot and throwing the discus, hammer, and javelin. From that day on, his mighty strength was ever proven, whether it be on the field, in the classroom, or in his fraternal life. His ever-present desire to help won him many lasting friends. The results of his toils were fruitful—captain of track, member of Tau Beta Pi and the Skull. Such distinctions come to few of us, and we all know that George has paved a track that will lead to merit in after life.

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## ANTHONY KAPINOS

Mechanic

Chicopee Falls, Mass.

Band; Boytonians; A. S. M. E.

"KAP," as he is known to most of his friends, hails from the Skiptown Chicopee Falls. He is always smiling and happy, but it is very hard to get one of the fairer sex to satisfy "Kap's" taste. Perhaps it is his curly hair that weakens some hearts. Tony was quite musical as was evident by the sounds of his "sax." There was always a tendency for him to be on the road on Saturday afternoon heading for Chicopee Falls. With his smile and cheerful personality, he should make a success in this world of ours.



## JOHN HENRY KEENAN

"Johnny"

TBII, ΣΞ

Civil

Worcester

Newman Club; A. S. C. E.

IN every group of people there is always some one individual who stands head and shoulders above the crowd, and, because of his added stature, this individual can see clearly on all sides, his vision bounded only by the horizon. John Keenan is just such a man. His exceptional mental acumen and intellectual powers have placed him far above the level of his class. It is only regrettable that our class was unable to offer John some keener competition which would have urged him on to even greater achievements.



## WALTER JOSEPH KOWAL

"Walt"

KHΣ

Mechanic

Worcester

A. S. M. E.; Tech "Bible"

WE have watched with interest the progress of Walt during his stay at "Tech." He came to us as a rather quiet and unassuming chap, but his fine character and personality blossomed through, and we now know him as a real friend of the highest quality. Recently he has been seen with a tall blonde tucked neatly under his arm at the social functions, and we are wont to ask if this can be the "wife" he speaks of so frequently.





## ANTHONY CHARLES KOLAWSKI

*"Tony" "Chauncey"*

KΠΣ

Civil

Worcester

Golf; A. S. C. E.

TONY came to us from Worcester's Classical High School with the idea of making a Civil Engineer of himself. He took the first step, at least, by becoming a Civil. Maybe he was influenced in entering this course by his many hikes on the golf courses in the vicinity. If he can solve engineering problems as well as he can play golf, Tony should be in "Who's Who" in no time. Tony makes up for his lack of height by his aggressiveness, as is evidenced by his familiar saying, "I'm gonna bop you." We shall always remember Tony for his adroitness in drawing from some unsuspecting instructor some elusive facts during a quiz.



## ROMAN JOSEPH KOZIOL

*"Kozzy"*

KΠΣ

Electric

Southbridge

Baseball; Class Soccer; Class Basketball

KOZZY has been a valuable man to the class of '34 in more ways than one. When but a yearling he upheld his class in basketball and soccer, and since that time he has won a berth on the Varsity Baseball team. Kozzy has been a bright spot in many student gatherings and his ready wit and willingness to join in any merry-making has made him a delightful and amusing personality. Kozzy was always at his best with a young lady by his side at the social functions, his countenance beaming and his manners at their best. May he be equally successful in later life as has been his career at Tech.



## WALTER MARTIN KURTZ

*"Walt"*

Chemist

Easthampton, Mass.

Rope Pull; Paddle Rush; Skeptical Chemist

WALTER has made many friends during his sojourn at "Tech," especially among his contemporaries in the Chemistry Dept. His sturdy build soon made him in demand when balky corks had to be coerced from reagent bottles. Walter's pet aversion was the unorthodox use of the wash bottle. His perseverance will carry him far on the road to success.

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## LAWRENCE ROBERT LAROCHE

ΣΑΕ

Mechanic

Worcester

A. S. M. E.; Class Day Comm.

BOB presented himself to the class of 1934 as the man who was destined to become the good Samaritan of his fellow acquaintances. In four years his chariot of iniquity has benefited the majority of the M.E.'s desiring transportation. Bob, that resident of Worcester, has that fortunate gift of the ability to maintain his scholastic position in the upper strata of the intelligent ones, and yet enjoy diverse, social functions almost nightly. A résumé might say that Bob, portraying a countenance perpetually permeated by a pleasant, sincere smile, was one of the generous presentations of the class of 1934 by the city of Worcester, and now may his success in the years to come benefit him in just compensation.



## LUTHER CASS LEAVITT

Mechanic

Framingham, Mass.

Aero Club; Rope Pull (1); Paddle Rush

LUTHER is a happy-go-lucky fellow who never did believe in Economics lectures anyway. He preferred pool, bowling, or tennis. Speaking of tennis I am reminded of a warm spring day two years ago when several irate Frosh relieved Luther of what was to them a pair of obnoxiously colored breeches. Luther's ability to adapt himself to any task shows that he should make a very successful Tech graduate.



## HARVEY FRANCIS LORENZEN

ΦΓΔ

Mechanic

Manchester, N. H.

Masque

THIS rather rotund, jolly fellow is one of the shining lights of our noble class. His beaming countenance was the sunny spot of many a dreary class and at chapel-hour smokes his keen wit was the center of attraction. Harvey comes to us from '33, but he has made his presence felt in many of our class activities. We welcome such a valuable member. His dramatic ability was brought to the light in Masque presentations and he has made a notable reputation along this line.





## ALVIN FRANCIS MAGOWAN

"Al"

Electric

Brookfield, Mass.

AMONG Brookfield's noble sons are numbered Connie Mack and Al Magowan. Al has won his fame with a cue ball instead of a baseball. When the steam course came along Al bought himself a pipe and thereby became an expert on Flue Gas Analysis. His only failing that we know is his ability to get reports in a trifle late, but we can't hold that against him even though the faculty did. The E.E. department will miss Al's sunny smile which lit up the E.E. building like a 100-watt bulb. Much success to you, Al.



## GEORGE D. MAKREDIS

Electric

Lynn, Mass.

A. I. E. E.; Cosmo Club; Baseball

"MAC," as he is called by most of his classmates, is a product of Lynn by the ocean. During his first year at Tech, George was serious in a studying sense but as the years rolled on, George found that along with his studies there were other things that he liked to do as well. He is always engrossed in discussion of economics and politics, and spends a great deal of his time arguing about domestic policies, and spends a great deal of his time arguing about domestic policies. Although "Mac" is quite an economist, with the help of an *Alumni Journal*, he should succeed as an engineer.



## NICHOLAS ROBERT MANGO

ΣAE

Mechanic

Westfield, Mass.

A. S. M. E.; Baseball

NICK has shown us just how versatile he can be with equal success in all of his endeavors. He has earned the distinction of having his name grace the honor roll upon several questions. Nick also showed us that he was a baseball player and bowler of no mean ability. Nick surprised us immensely during the latter part of the Junior year when he suddenly threw off the cloak of indifference toward the fair sex and went "social" on us. Ask him how he received the nickname "Circuit-Breaker"? We wonder why the S.A.E. telephone lines were always busy?

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## EDWARD RUPPERT MARKERT

*"Ed"*

Aeronautics

Amherst, Mass.

Pres. A. S. M. E.; Librarian, Glee Club; Tech Council;  
Aero Club

EDDIE comes to us from the wilds of Amherst. He is one of those strong, silent men, though often more strong than silent, especially when there is a good joke to be appreciated. Ed is very amiable, unless someone treads on his toes in which case there is liable to be trouble. Those who are lucky enough to be counted among his associates know him to be loyal and friendly.



## FREDERICK ROBERT McLAREN

*"Bob"*

AXA

Electric

Manchester, N. H.

Interfraternity Council Alternate

THIS quiet lad, better known as Freddie, migrated to Worcester in the fall of 1932, when he discovered that the University of New Hampshire held no more knowledge for him. He has managed to hold his own here, despite the disadvantages of being transplanted, and has staggered along with the rest of us. With his pleasant personality, his ability to plug through and coöperate, his future looks bright.



## JOHN ARTHUR McMAHON

*"Johnnie"*

ΣAE

Electric

Devon, Conn.

Swimming (2)

WHO was it that said that appearances are deceiving? Well, he was undoubtedly correct, because we have a very concrete example in little Johnny Mac. There is an innocent-looking cherub, if ever there was one. For four years it has been a complete mystery to everyone how such an expert beer-guzzler and general hell-raiser could drag down top scholastic honors. Mac has also turned in some pretty fast times for the swimming team and should either follow in the steps of Weissmuller or devote his life to solving the intricacies of transmission circuits.





## WILLIAM EDWARD MESH

*"Bill"*

AXA

Mechanic

Easthampton, Mass.

Banjo Club; Chairman Dorm Committee; Track Mgr.;  
*Journal* Photographer

BILL is one of the fellows who is always busy. It is a common occurrence to see him rushing to and from some place on the Hill. He has served as Manager of Track, and outside of his studies he has found time to work on his hobbies, radio and photography. Active in the Camera Club, he is often seen taking some unusual "shots" around the campus. Bill has many varied interests, which should help him in the future.



## WILLIAM ANTHONY MICHALEK

*"Bill"*

Mechanic

Westfield, Mass.

Class Football (1, 2); Band; Glee Club; Rope Pull

BILL hailed to us from Westfield four years ago to increase his store of knowledge. In the glee club he is known as a versatile songster and whenever he feels the urge, which is too often for some of us, he breaks out in song as the silver-toned tenor or deep-voiced baritone.

Bill's achievements were apparent, not on the Hill alone, as we find him making the grade as a talented artist in the Central Church Plays. In fact his success was so great that he wore gloves in machine shop so that his public would not be disappointed in his appearance, or perhaps the cute little blond would be disappointed.



## CARROLL CHARLES MISENER

Mechanic

Orange, Mass.

Band; Glee Club; Camera Club

CARROLL is a quiet fellow, well liked by his friends. He has had some trouble making those 8 o'clock classes on time, but there is a reason. The boys at Babbitt's wouldn't get their coffee if it wasn't for Carroll. A certain woman keeps him busy most of the time out of school hours. Musically inclined, he has played in the Band, and we shall miss him in the Glee Club next year.

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## WILLIAM PAUL MITNIK

*"Bill"*

Aeronautics

Westfield, Mass.

Glee Club; A.S.M.E.; Aero Club; Masque

WESTFIELD sent us this crooner, and in spite of this disability he has made many friends on the Hill. Bill's lab sketches have become famous throughout the school. His acting ability has won him no little renown and we were not surprised to see his picture in the paper recently amidst a bevy of beauties from one of the local churches. Bill has been active in all class activities and he was always in the midst of those Frosh-Soph tussles which took place a few years back. Much success to you, Bill, in all your undertakings.



## NORMAN MONKS

Electric

Worcester

Soccer

BEHOLD! A minister in our midst! And this a technical institution. Of course such an influence will be good for all of us. Our assistant minister, however, does not neglect his social duties and it is said about town that his charm is irresistible. Adhering to the best traditions of his English ancestry, Norman was also one of our star soccer players, being fast and snappy, outplaying men twice his size.



## HAROLD NARCUS

ΣΩΨ

Chemist

Worcester

Activities: Banjo; Orchestra; Interfraternity; Track

WHO says Harold can't take it—and give it too—witness his performances on the "piccolo" Saturday nights at the gym. However, he always fell an easy victim to a wash bottle in the hands of a fellow chemist. Many of our good men owe much to his "official" notes, problems, and explanations. Credit "one good man" to Chemical Engineering when Harold leaves Tech.





## SUMNER ANNIS NORTON

ΦΣΚ

Chemist

Terryville, Conn.

Basketball; Tennis; Class Basketball

THAT oft-seen person sauntering leisurely towards the Salisbury Labs about 8:13 most any morning was, in all probability, this aspiring chemist on his way to an eight o'clock. Whatever his rising time, this unruffled lad always took time to thoroughly digest his breakfast and the morning paper. There was plenty of pep in this lad, however. This was to be seen between the hours of four and six P. M., when the tennis and basketball seasons were with us. He has done well for his *Alma Mater* in these sports and well we will remember his last year of basketball playing with his plain and fancy shots at the basket, especially the latter which made him the high scorer of the team.



## EDSON HUGH OSBORNE

"Ozzie"

ATΩ

Electric

Holyoke, Mass.

Class Vice Pres (1); Class Sec.; H'd. Cox. Rope Pull;  
Ch. Soph Hop; Class Auditor; Jr. Marshall; Masque;  
Tech Council; Sec. Masque; Jr. Ed. PEDDLER;  
Glee Club; Tech Carnival; Ed.-in-Chief  
PEDDLER; H'd. Cheerleader

THIS person, ladies and gentlemen, is known to his friends as Ozzie. It was from Ozzie that we first learned of the existence of the town of Holyoke. He first gained renown as a tap dancer and later as a story-teller. Ask him to tell you the story about stoking the furnessa. Ozzie is a likable chap with only one weakness—he doesn't like variety. A hard worker, he showed himself well accomplished in scholastic lines and outside activities.



## SHEPARD BROWN PALMER

"Shep"

ΦΚΣ

Mechanic

Norwich, Conn.

Captain Tennis (4)

THREE years ago Shep came to us after spending a year at Dartmouth. The engineering atmosphere on the Hill has apparently been more agreeable to him, for, in spite of this early handicap, he has made good both scholastically and socially. For the past three years Shep has shown his ability as a tennis player by being one of the strongest members on the "Tech" Tennis Team. His popularity does not extend to his classmates alone, but reaches out to the fair sex as well. That little notebook contains some choice addresses even if it is rather partial to the "babes" from Becker's. Here's wishing the best of luck to "Keed."

## CARL EUGENE PARTA

*"Gene"*

ATΩ

Electric

New York Mills, Minn.

Asst. Mgr. Swimming; Inter-fraternity Track; Pub. Ed.  
PEDDLER; Mgr. Varsity Swimming; Inter-  
fraternity relay; PEDDLER Staff.

GENE is one of the Finns in our class. He lived in Worcester for three years, while working for the managership of swimming, and when he had this job "in the bag" he moved out to Minnesota, the Swedes' country. The next big job he settled down to was a local project, and in this work he gained for himself the title of the champion "patterer" of Worcester. The ring of Parta's patter will ring in our ears long after we leave the portals of Tech, and we shall never forget the congenial spirit of this classmate which has made him so many friends.



## ARVO ELMER PIHL

*"Joe"*

ATΩ

Electric

Worcester

Basketball seconds; Football; Track; A.I.E.E.

"JOE" has finally decided that he might qualify as an engineer, although difficulties presented themselves at various times during his sojourn at Tech. The old Model A has been a dependable taxi for some time now, having made many trips to Chafins and who knows where in its time. Joe is one of Tech's M.M. (muchly married), having held his own for many a year. His quiet, unassuming character has won a fond place in our hearts and to him we wish all the success in the world.



## THEODORE POSNER POST

Chemist

Worcester, Mass.

Skep Chemists

"TED" is a Worcester product, and entered Tech from Classical. He started in with a cheery smile, and is leaving with the same ever-present smile. After sailing through Freshman Chemistry he decided to throw his lot with the Chemistry Department in Salisbury Lab. The sailing hasn't been as smooth as the first Chem. course, but he has always enjoyed normal, and at times excellent, sailing conditions. We will all miss his beaming features and willingness to help whenever possible.





## WALLACE REINFIELD POWELL

*"Wallie"*

ATΩ

Electric Willimantic, Conn.  
Business Manager PEDDLER; General Manager Masque;  
Tech News; Rope Pull

WALLIE came to us with a cherubic countenance and a modest demeanor. He still retains the former, but in the weathering of the storm he has emerged a firm, staunch business man, as is indicated by his ability in piloting the business functions of THE PEDDLER and *The Masque*. Lately Wallie has been trying to give his associates the impression that he is a confirmed woman-hater. We can well understand where he got the idea, but we are sure that with that Frenchy cock to his hat and that Willimantic "Come hither to me, honey" wink of his there will be another brunette in his life right pronto.



## JOHN C. POWERS

*"Jack"*

Civil

Bolton, Mass.

To the thickly settled town of Bolton goes the honor of contributing a member of the class whose temper was never aroused. After spending an uneventful year as a Chem., John turned to the Civils and there found his real interest. High in scholastic standing, John was always willing to lend a helping hand to the less brilliant Civils. We feel certain that anyone with such a disposition is sure to succeed.



## LOUIS PRESS

*"Lou"*

ΣΩΨ

Chemist Lynn, Mass.  
Skep Chemists; Business Manager "Tech Bible" 1931-1932

LOUIE, our little boy from Lynn, is just another "scab" chemist, but he certainly deserves credit for being the one and only person in the history of the W.P.I. chemistry department who could read Dinny's famous handwriting and get down everything about "nosing and boosting the pole tips" in that famous course of Electro-chemistry. Louie has worked hard in his four years of diligent study, and we hope that he reaps his just reward.

## JULIAN HOPKINS RAY

*"Julie"*

AXA

Electric

Framingham, Mass.

Aero Club; Camera Club; A.I.E.E.; Ass. Mgr. Basketball

JULIE has taken his place for four years among us as a "would-be electrical engineer." His readiness to help a classmate in distress, his keen wit, and his inherent ability to take a joke well, will be long remembered. Many an afternoon has found Julie diligently chasing the elusive volt or the little amp. around the E.E. lab. From the latest reports we hear that he and Siggy are going to corroborate and turn out some new theories on "Ways and Means of Keeping Brake Drums on Shafts." According to reports from Framingham, he is not entirely adverse to the weaker sex. How about it, Julie?



## RICHARD WALTER RHODES

*"Dick"*

Chemist

Worcester

Skep Chemist

I AM now introducing you to one of the brilliant chemists, who reaped many honors in his course here at Tech, although one might add that, to offset the honors somewhat worries were handed out with the honors. Dick is one of those silent and learned men that one sometimes reads about. However, his ready and scintillating wit brightened up some of the otherwise dreary hours that we might have spent under the roof of the Salisbury Lab.



## ELIJAH BRAVAMAN ROMANOFF

*"Eli"*

Chemist

Clinton

Skep Chemist; Rope Pull

RUNNING hither and you in Salisbury Lab, one may catch a glimpse of Eli. Immediately one likens him to the proverbial Ichabod Crane—however, under this exterior there exists a keen and alert brain and a kind and understanding spirit which is fully appreciated by those who come in close contact with him.

Eli commuted from the metropolis of Clinton daily and thereby did not have much opportunity to participate in extra-curricula activities, except the Skep Chemists in which he was a true follower of Robert Boyle.





## EDMUND FREDERICK ROTHEMICH

"Eddie"

ΘΧ

Civil

Worcester

Cross Country; Track; President A.S.C.E.

For four years Ed has been one of the few members of the fast vanishing tribe of straight civils, as "Coombsie" would say. His work at the Institute has made him a marked man. However, studies alone have not taken up Eddie's time entirely. In cross-country track he has constantly proven that in spite of his small physical make-up he is a man of great power. His ready smile and ever agreeable personality promise to take him far in the game of life.



## JAMES V. ROWLEY

"Jim"

ΘΧ

Civil

Springfield

Secretary Tech News; A.S.C.E.

JIMMY ROWLEY came from Springfield four years ago. During his freshman year his week-ends were also spent in that city. As the burdens of Tech fell on his shoulders in later years, Jimmy settled down to work and for his diligence he is admired by all his fellow Civils. During summer shop the girls of Chaffins met one of Tech's smoothies, and Jimmy was hampered in his night work only by Chauncey Kowalski. He gave the girls but little time during school, but devoted himself to studies and supporting Tech and fraternity activities. There is no doubt that Jimmy will go a long way with his persistence and diligence.



## GEORGE VINCENT SARGENT

"Sargey"

ΦΣΚ

Civil

Wenham, Mass.

Varsity Soccer; Class Soccer (1, 2); Golf (2);  
Mgr. Golf; A.S.C.E.

GEORGE's list of activities is large, but it doesn't begin to tell the whole story of the Wenham High School graduate's success at Tech. "Sargey," as he is better known by his senior drafting room pals, proved his athletic ability as a freshman goalie and since then has been the most formidable soccer player on the varsity team. As manager of the Golf team, "Sargey" showed his ability in directing his charges while, at the same time, being their genial guardian. Studious, persistent, with a pleasant good humor George answers perfectly the proverb that "still waters run deep." His future is not a matter of conjecture to his friends who know that noise is not necessary to success.

## EVERETT FRANKLIN SELLEW

ΦΓΔ, ΤΒΠ, ΣΞ, SKULL

Chemist

East Hartford, Conn.

Pres. Class (2, 3, 4); Pres. Tech Council; Manager Football; Pres. Skeptical Chem.

QUIET, efficient, likable. These are three reasons why Ev is so popular, not only with his own classmates, but with the entire student body. With a cheery smile and a pleasant word for everybody, Ev will make friends wherever he goes. The fact that he has efficiently served as Class President for the last three years is a good indication of what his classmates think of him. His calm, even disposition and logical, accurate thinking are perhaps the most appreciated of his many assets, as is shown by his elections to Tau Beta Pi and Sigma Xi. The future certainly holds much in store for a person of Ev's ability.



## PHILLIP CAPELLE SHERBURNE

"Phil" "Cappy"

ATΩ

Mechanic

Rumford, R. I.

Rope Pull; Manager Track; Spring Classic (cage-ball); Paddle Rush; Masque; PEDDLER; Senior Banquet Committee

PHIL's characteristic serious demeanor screened a fun-loving nature, for those who knew him well found that, at all times, he was ready to take part in any venture that offered amusement. Unhurried, apparently never disturbed, almost indolent yet withal capable of applying pressure when needed. Phil maintained a high scholastic standing as well as taking a major part in extra-curricular activities, to which his managership of track will testify. His good judgment and analytical ability should prove to be distinct assets in whatever work he undertakes in the future.



## HENRY RAYMOND SJOSTEDT

"Ray"

Chemist

Worcester, Mass.

Activities: Class Football; Class Track; Y Carnival Committee

IN this corner, ladies and gentlemen, we have Ray, the fighting chemist from Greendale. Upon meeting him, the comical difficulty in pronouncing his name is at once swept away by his jovial manner. During his first three years at Tech, it was a familiar sight to see him burning up the roads around the campus in the open-air Chrysler.

Aside from his woman-killing ability, his hobbies are football, track, and tennis. However, his abilities are well proportioned, as evidenced by his winning the Tech Carnival cup for his fraternity.





## ELMER LOVELL SMITH, JR.

*"Smitty"*

AXA

Mechanic

Longmeadow

SMITTY is a quiet, unassuming fellow, who is not given to asserting his opinions. However, when he does give an opinion, it is apt to be practical and full of common sense. We have found friendliness and generosity to be his outstanding characteristics. Ordinarily serious in his lighter moments, he has been known to become a very capable sound effects man. His efforts in this line helped to brighten many a Machine Design period.



## JOHN RUSSELL SMITH

Electric

Worcester

PEDDLER *Staff*

AND here is Smith, J.R. the "Al Banx" of our class, with his pen of sketchy art and humor. His nimble fingers often tickle the pool-room piano keys, or wield the cue (*vs.* Davenport), when they are not maneuvering the sundry repairs on his "cars." Getting dates is to him as easy as asking questions in class. Still he took the count in a few courses. Never mind, Smitty, jobs may be more numerous next year.



## WARREN SARGENT SNOW

*"Joe"*

ΘX

Mechanic

Worcester

A.S.M.E.; Rifle Club

IF you chance to hear someone say, "Now, in the Army, we—" you can make up your mind it's Joe Snow. Our own little Joe, 2nd Lieutenant of the Field Artillery, came to us from West Point after giving up the idea of becoming a soldier boy. He still retains some of his militaristic ideas however, and he has joined the rifle club to keep himself in the thick of the fire. Joe has made himself right at home with the bunch, and we shall remember him as one of the valuable members of '34.

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## CHESTER SPIELVOGEL

Civil

Clinton, Mass.

A.S.C.E.

WHEN one wants information about the farm, "Chet" is there with the answer. He never did agree exactly with "Pa" French as to how framed bridges were built, but no one else did either, so he can't be held for that. Everyone who ever met and associated with "Chet" will testify to his friendliness and geniality. One doesn't ask for more.



## PHILLIP WENDELL STAFFORD

"Phil"

TBII

Mechanic

Middleboro

A.S.M.E.; Basketball

PHIL is a quiet chap who has made the most of his opportunities at Tech. His scholastic standing is high and he is a member of the scholastic fraternity, Tau Beta Pi. He has not confined his time to studies alone, however, as he found time to play basketball with the varsity team during his senior year. He was also prominent in class activities and made himself a valuable member of our class. With the fine start Phil has made at Tech he should go a long way in after life.



## GEORGE ARNOLD STEVENS

ΦΓΔ, TBII

Electric

Worcester

Glee Club; Masque; Class Football; A.I.E.E. Chairman

GEORGE is another city lad whose smile has won many friends up here on the Hill. His witty humor mixed with his wise and serious thoughts has made him popular both as a student and as a friend. As we see George playing tennis on the courts with the fair sex we feel sure that he is making paths in other fields besides the lab and the books. We have heard his "wobbling" voice in the Glee Club, seen him in action in Inter-class sports; as well as being one of the few Electrics who is a member of Tau Beta Pi.





## HOWARD EVERETT STOCKWELL

*"Stockie"*

AXA

Electric

Vernon, Vt.

Junior Marshall; Treas. A. I. E. E.

COMBINING a sincere and friendly personality with what it takes to breeze through Tech without much worry, "Stocky" has made a host of friends on the Hill, and in other sections of the city as well,—just to assure a well rounded education: proficient in seeking knowledge, efficiency in finding dates, the ideal engineer!



## CLARENCE R. STREETER, JR.

*"Clarie"*

General Scientist

Worcester

CLARIE is one of those boys who are very quiet, but we might quote the old adage, "Still waters run deep." He never worried much about his courses on the Hill, but his extra activities were well taken care of, especially so were his activities at the Colby Junior College. Clarie is also credited with being one of the founders of the Worcester Social Club.

Clarence deserves a lot of credit, for, when he discovered that he did not care for the civil course, he went ahead, even though it cost him an extra year, and changed to the General Science Course. Here's luck to you, Clarie, in whatever you do.



## PAUL JOSEPH SULLIVAN

*"Sullie"*

ΣAE

Electric

Worcester

Track (W); Newman Club, President; Rope Pull (1, 2);  
Relay Team (1, 2, 3)

SULLY did not always make an eight o'clock class, but midnight found him going full blast. He ran some fast legs on the relay team, but his fastest times were made between the Boston Garden and a certain street in Worcester. Sully came to Boynton Hill four years ago with the idea of becoming a scholar, but soon decided the social life of Worcester offered a better training; however, Sully could always beat the faculty to the tape at the final counting, and we think he can do this to old man Life.

## MICHAEL GARABED TASHJIAN

*"Mike"*

Chemist

Worcester

Skep Chemists

MIKE was one of the erstwhile "scab" chemists, always a source of information and always having his homework problems finished, he was a staff upon which the dumber satellite could depend.

Although he attended the local theatres whenever they changed their bills, he managed to get by organic with the Kaiser, and to skip blithely through Dinny's interesting courses—and, strangely enough when the marks were handed out, the name of Tashjian would be gracing the honor list.



## JOHN BERNARD TYTULA

*"Johnnie"*

Civil

North Brookfield

A.S.C.E.; Class Basketball; Class Soccer

HERE'S a man who has commuted daily from North Brookfield to Tech; simple calculation shows this to amount to a mere 48,000 miles in four years. Notwithstanding this, "Tyte" is a member of that very select group of Civils which started and finished '34. His drafting board efforts were a joy to the eye, and that extra ounce of knowledge, which he always seemed to have when in a tight spot, was the envy of many a Sigma Beta. Should the fates decree that any of the Civils be selling papers when they are fifty, our guess is that hard-working, extremely likable "Johnny" will most certainly not be one of them.



## DONALD CHAMPLIN VIBBER

*"Don"*

Mechanic

Auburn

FROM South High there came this fair-haired boy. Although he is the youngest member of the class, Don has shown his superiority to most of us here at Tech. He is a quiet fellow, but is always making friends, for he is ever willing to lend a helping hand. He delights in the work of the M.E.'s. Besides tinkering with machinery, he enjoys a good long walk or an afternoon of swimming. Everyone wishes him the best of luck in his life work, which will surely be mechanical.



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## MICHAEL LAWRENCE WARWICK

*"Mike"*

ATΩ, SKULL

Mechanic

Westfield

Tech Council; President W.P.I.A.A.; Basketball; Captain Basketball; Football; Dorm Comm.

MIKE is one of the more versatile members of our class. He first became known in the role of the Tech Barber and most everybody in school has sat to him at least once. In addition to his prowess on the basketball court and his staunch support of social affairs, he found time to keep his scholastic standing quite high. There are a few of his associates who claim he can sing but we haven't got a complete report to date. May "Mike-the-Barber" cut himself a niche high in the ladder of success.



## FREDERICK G. WEBBER

*"Webbie"*

Electric

Holyoke

A.I.E.E.; Radio Club

JUST thirty years ago, Fred's father left the portals of Tech behind him, and now his son is following in his footsteps. Maybe thirty years hence another of the house of Webber will brighten up Tech's campus, or even sooner, who knows? We all have our favorites, and as for dance bands, Freddy's favorite is Guy Lombardo, which is natural, since Freddy is a bit of a smoothie in his own right. Don't be misled, for according to C. D. Knight, Fred can have a good time on his own hook, or wire, if you know what we mean.



## ARTHUR BORDEN WENTZEL

*"Wenztie"*

Electric

Worcester

A.I.E.E.

PRESENTING A. B. Wentzell. "Abe" (accent on the e) to his friends. He doeth all things well—from sliding his rule in a Tech course to sliding his feet on a Tech floor. We wonder if he rules the De Molay with a slip stick in his hand. Intelligence, sincerity, and honesty are his worst faults, may we all be as bad. He has, and successfully too, by his own efforts gone through Tech, and may he in his future efforts attain a success comparable with that he won here.

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## GEORGE PUTNAM WHITCOMB

*"Whit" "Whitley"*

ΣAE, TBH, ΣΞ, SKULL

Chemist

Spencer, Mass.

Athletic Council; Tech Council; Jr. Prom. Committee;  
Varsity Track; Class Vice President (2, 3, 4); Junior  
Marshall; Chairman Senior Prom Committee; Skep  
Chemist; Class Track; Junior Jacket Committee

THIS tall gentleman has become exceedingly popular on the hill by virtue of his friendly and obliging personality. His quick perception followed by immediate action has enabled him to excel in all fields of activities on the campus. Furthermore, although he doesn't waste words, he can swing a mean line on some occasions. This combination would make anyone's future look bright, and if the opinions of his classmates mean anything, he should go a long ways.



## HOWARD ARTHUR WHITTUM

*"Howie"*

ΣAE

Chemist

Worcester

Soccer; Masque; Class Secretary; Tech Council;  
"Y" Cabinet; Class Soccer

THIS tall blond with the baby complexion is the wit of the chemists. His sly questions and laugh-provoking answers broke up many a class for several minutes. His favorite reply to the learned professor was, "That's contrary to my experience." Howie cavorted about the soccer field for four years and besides, he found time to engage in various fraternity sports. Although he was very timid concerning the fair sex at first, Howie gradually overcame this and became one of the shining lights at social functions. His fame as a distiller, blender, and connoisseur did not spread far from the walls of Salisbury Lab, but it's perhaps just as well.



## MERTON STANLEY WILLIAMS

*"Mert"*

ΘΥΩ

Civil

Terryville, Conn.

Tech News; A.S.C.E.

THIS gentleman is usually called Mert but is sometimes known as "Thunder" because of his extreme quietness and hails from the great metropolis of Terryville, Conn. In spite of his usual verbal restraint Mert has the faculty for making friends and he has made himself very much felt as a member of our class. Mert is a serious and deep thinker and we feel sure that he'll go a long way in the field of engineering. We certainly wish him success.



## PHANTOM LIST

Clarence William Anderson  
 Peter George Annas  
 Edward Raymond Begley  
 Harold Bradford Bell  
 Albert Henry Bellamy Jr.  
 Kenneth Evans Bennett  
 Frederick Edwin Bowerman  
 John Henry Bradbury  
 Carl Gunnar Brink  
 John Leonard Burnett  
 Allan Robert Catheron  
 Paul Mead Chase  
 Paul Gratiot Cheatham  
 Richard Duston Corson  
 John Sarkes Davagian  
 Edward Arthur Dodd Jr.  
 Sylvester Daniel Donohue  
 Joseph D. Downey  
 Louis Griggs Evans  
 Henry Herbert Franklin  
 Solomon Carter Fuller Jr.  
 Henry Francis Gateley  
 Richard Henry Gillespie Jr.  
 Albert Bamford Glenn  
 Lawrence F. Granger  
 William Hownad Griffiths  
 Louis Thomas Guerin  
 Robert Bachelor Gurry  
 Carl Hammarstrom  
 David Hatton  
 Robert Hayes Houghton  
 Floyd Smith Jenkins  
 George Gordon Kelley  
 Carl Merritt Lane  
 Arthur Joseph Lariviere  
 Edwin William Leupold  
 Donald Charles McLeod  
 Donald Charlton MacKenzie  
 Herman Chauncey Maddocks Jr.

Veikko John Marshall  
 Robert DeWitt Clinton Meeker  
 James Miller Jr.  
 Tadeus John Miodowski  
 Frederick Stowell Moody Jr.  
 Burton Edward Mullen  
 Raymond Henry Neubauer  
 George Augustus Northridge  
 Tadeus John Orzech  
 Willard Phillips Osborn  
 Donald Henry Packard  
 Walter Charles Phillips  
 Henry Gilbert Pond  
 Vytantas Thomas Ratkiewicz  
 Roger Brainerd Rice  
 Charles Wesley Richardson  
 Clarence Lizzum Rocheford  
 Alf Theodore Rode  
 Arthur Edward Ross  
 Harold William Ross  
 Carl Eugene Sawyer Jr.  
 Lawrence Foss Seal  
 Harold Henry Silverwatch  
 John Steward Slosson  
 Harry Smith Jr.  
 Jacob Smith  
 Walter Henry Steenstra  
 Harry Victor Stenbech  
 Thomas Risley Stevens  
 Walter Michael Sura  
 Harold C. Tarbox  
 Albert Henry Taylor Jr.  
 John Thomas Trumbull  
 Charles Royal Varney Jr.  
 Leon James Volley  
 Philip McLauthlin Way  
 George Edward Wells  
 John Woodhead Jr.

## 'T WAS NOT SO LONG AGO

'Twas not so long ago when the class of '34—186-strong—banded together for the first time in Sanford Riley Hall. It was a memorable night—we were a bit green perhaps, but nevertheless we had the spirit and ambition when we boomed forth the Tech cheers and songs for the first time under the leadership of Johnnie Hinchcliffe. We were somewhat at a loss as to how to receive the commands and dictates of our noble rivals in their Frosh Proclamation, but we soon learned that they spoke many words but said little. It was at this first meeting that we chose Don Packard, now departed from our midst, the chairman of our group.

It was our fate to be the first class to contest our rivals in the noble game of cage ball which replaced the paddle rush. To be sure we do not boast of winning this ignoble game but we merely mention it as a reminder of the first of many lessons we were to teach '33.

Then came the Y. M. C. A. Reception. What a fine meeting we found here and what fine friends we met. At this meeting we learned that we had some friends at Tech and that we were not the “scum” of the earth our rivals tried to make of us.

A few weeks passed and we elected Don Packard as president to pilot us through this first portion of our journey at Tech. Other elections were, W. Steenstra, V.-Pres.; E. Osborne, Sec.; W. Greenwood, auditor; R. Richmond, Treas.; J. Woodhead, Hist.; and C. Rochford, member-at-large.

At this time we began to get organized. We started plans for class soccer, football and that big event the rope-pull. What a turn-out we had for the first rope-pull practise—every man was fighting for a place on the team. A few weeks more passed with frequent mêlées with the Sophs, much painting of sidewalks with '34's and many flag raisings. Then came our chance to prove our worth—and we did. Led by Hughie Osborne as head coxswain and after much tuggin' and blistering of hands we pulled the Sophs through the pond, thereby gaining the privilege of doffing the buttons from our Frosh dinks. We shall never forget our triumphant parade to the football field with the rope on our shoulders, victorious in our first real encounter.

Our next appearance in public was in the Tech Carnival when we put on a skit entitled “A Quiet Scene in the Dorm.” W. Steenstra directed the skit in which Dick Goodwin and Ray Neubauer had the leading roles. Evidently our delegation hadn't had the proper dramatical experience as the Sophs won this contest. Directly after the performance, however, we demonstrated our ability at hoisting a flag which weathered the storms and the Sophs for over a week. On this occasion Bissell was official “shinnier” and Hedler, Sawyer and Ross were the pole greasers.

About this time several of our class were coming into prominence in varsity athletics. Notable among these were G. Cruickshank in football, G. Kelly in track and later R. Meeker, D. Dwinnell and M. Warwick in basketball.

Rush Week—What royal treatment we received these few days. We were the kings of the campus for a week and there was much to-do about helping with

coats, shaking hands and taking us out and seeing us home—all to our bewilderment. Then Pledging—now the upper classmen changed their tune a bit and we were made to realize that we here here to do the dirty work—polish the floors, beat the carpets and such. Thus we were ushered into fraternity life at Tech.

January—first term exams. We put away all our frivolities and settled down to some good hard studying to prepare for our first taste of Tech exams which we had heard so much about. We soon came to realize that an engineer's life is not the easiest. Some of us took the count in our first encounter with Tech exams. With exams over we settled down to normal life again and with the second term elections we appointed the following: G. Cruickshank, Pres.; H. Osborne, V.-Pres.; E. Sellew, Sec.; R. Richmond, Treas.; Stan Beebe, Hist.; D. Dwinnell, auditor; and J. Keenan, member at large.

The months flew by and again finals crept up on us and took their toll. Summer—we all scurried away to our homes leaving behind the first exciting and eventful year of our Tech life behind us.

With fall came the opening of our second year at Tech. Now the responsibility was shifted to our shoulders to take the new Frosh under our guidance. The first few editions of the *Tech News* were a glorification of '34—Second Year Men Win Paddle Rush—Sophs Get Frosh Flag, Greased Pole No Obstacle to 2nd Year Men—Sophs Defeat Frosh in Interclass Track Meet—Sophs Dampen Frosh Hopes in Rope Pull, '34 First Dry Class in 8 Years—'34 Victorious in Class Football and so on down the line. First term Sophomore officers were elected as follows: Everett Sellew, Pres.; G. Whitcomb, V.-Pres.; H. Bell, Sec.; and Bob Richmond was again entrusted with the Class funds.

We shall never forget the cup winning Sophomore skit in the Tech Carnival—a take-off on some of the profs. "Mahatma" Greenwood was featured in the role of the model technical student and was supported by Grierson, Sherburne, Dayton, Berrell, Beebe, Osborne, Sellew, Bellamy, and Crowley in the other roles.

After the second year mid-term finals were over '34 once again went on the warpath and with the fine playing of Johnny Noreika, Tom Ratkiewich and Mike Warwick we won a decisive victory over the Frosh in Basketball and went even further by taking the Juniors into camp.

The coming of spring aroused dormant hostilities in the Freshman class and we shall not forget the sight of Leavitt's red corduroy pants flying from the outstretched hand of Minerva on Sanford Riley Hall. And then as an outgrowth of that incident we can remember the surprise egg attack on us when we were all posed on the Gym steps for our class picture. The Frosh however took the worst end of this mêlée, for after their daring attack they lost courage and dropped their eggs and then the tables were turned.

Our first experience in running a class social affair came in the staging of the Soph Hop. The committee with E. Osborne, as chairman, ran a glamorous affair and thus '34 made its debut as a class socially.

Once again exams rolled around and after much worry we all left for home again, leaving our second year of Tech behind us.

The beginning of our Junior year found our group considerably smaller and our general attitude more reserved. We were upperclassmen and it was time to put away our sophomoric ideas. It was now our turn to sit back and watch

the two underclasses carry on their pranks and comment on how we used to do it in our day. Then, too, we began to feel more like engineers and to grasp things with more determination.

Ev. Sellew was again elected President of the class. The vice of the faculty began to tighten down on us and we found but little time for play. Those Monday and Wednesday "broadcasts" of Jinny Haynes with his new amplifier and rose-bud amplifier were the bright spots of the week. How well we remember being rudely awakened by an unusually loud gurgle of Jinny's in the mike. But in spite of the heavy schedule some of our members managed to get into athletics and we find M. Warwick climbing into fame in basketball and Henry Franklin and Charlie McElroy in swimming.

Then came that much looked for affair, the Half-Way-Thru Banquet. This most successful affair was ably directed by the guiding hand of Frank Crowley. What fond memories we have of that gala occasion.

Spring again rolled around and we found ourselves in the midst of Junior Week. The gala event of our Tech social life, the Junior Prom, was a huge success and much credit is due Warren Burns as chairman of the Prom Committee.

The closing event of our Junior year came in the tapping of several of our members to Skull. These were: George Kalista, Warren Berrell, Everett Sellew, Michael Warwick, Gordon Whitcomb, Henry Franklin and John Noreika.

Fall of 1933—Seniors. What a glorious feeling to be the big boys of the campus! How fine it was to occupy the senior section at assemblies! We returned with all the pep and vitality to finish up the last lap of our college career. Starting the year off we again elected Ev. Sellew to call our meetings to order and the first few months flew by without much hapenning in the way of class activities. Studies eased up a bit and the second semester brought us around the final curve of our journey. Graduation was in sight! We shall not forget those sleepy times together in Business Lectures nor shall we forget "Al" Schweiger trying to pound some Law into our engineering skulls.

June—Exams—Baccalaureate—Class Day—and then our big day—Graduation. Let us look back for a moment—there were 186 of us four years ago and now there are less than 100. We have lost a good many of our noble classmates. We offer our heartfelt sympathy to those who have departed from our group. We wish that they could be with us at this happy time.

And now, as we leave the Hill which has come to mean so much to us let us express our appreciation to the Faculty and all those connected with the Institute for the start they have given us as we go out to seek our fortunes. It was a hard struggle but it was worth it—every inch of the way. Fare thee well, Tech, fare thee well.





HUMPHREY, MERRIAM  
McNULTY, McKAY, CRONIN

## JUNIORS

CLASS  
OF  
1935

### CLASS OFFICERS

|                          |                       |
|--------------------------|-----------------------|
| William E. McKay.....    | <i>President</i>      |
| Edward F. Cronin.....    | <i>Vice-President</i> |
| Thomas F. McNulty.....   | <i>Secretary</i>      |
| Richard P. Merriam.....  | <i>Treasurer</i>      |
| Leonard G. Humphrey..... | <i>Historian</i>      |

- Marcus Abelson; Worcester.  
*Electric.*
- Edward John Abendschein; Niagara Falls, N. Y.  
*Mechanic; Band.*
- Edward Michael Abufaris; Worcester.  
*Electric.*
- Franklin Marsh Angevine; Warren, Conn.  
*ATQ; Mechanic; Masque; Camera Club.*
- George Peter Beaulieu; Leominster.  
*ΣAE; Chemist.*
- George Standish Beebe; Quaker Hill, Conn.  
*KFΔ; Civil; Track; Cheer Leader.*
- Raymond Edward Begley; Chicopee Falls.  
*Friars; Mechanic; Newman Club.*
- Carl Gustav Bergstrom.  
*ΘΥΩ; Chemist; Swimming.*
- Charles Newton Bissell; Woodmont, Conn.  
*ΘX; Civil; A. S. C. E.*
- John Francis Blais; Marlboro.  
*Chemist.*
- Walter Alfred Blau, Jr.; Middletown, Conn.  
*ΘΥΩ.*
- Karl Hubert Bohaker; Falmouth.  
*ΘX; Electric; PEDDLER; Masque.*
- Robert Mason Branch; Worcester.  
*ΣAE; Mechanic; Boat Club; Camera Club; Aero Club.*
- Joseph Peter Buckley; Worcester.  
*Electric.*
- Alan John Byll; St. Johnsbury, Vt.  
*Mechanic.*
- John D. Cahill; Worcester.  
*Mechanic.*
- Alfred Cantor; Mattapan.  
*Civil; Football; Baseball; A. A. Treasurer.*
- Robert Marshall Cape; Worcester.  
*ΘΥΩ; Civil; Class Soccer; Rope Pull; Paddle Rush; A. S. C. E.; Camera Club.*
- William Henry Clancey, Jr.; Worcester.  
*Mechanic.*
- Thomas Theis Clarke; West Warwick, R. I.  
*AXA; Chemist; Ass't Manager Track.*
- Edwin Treat Clinton; Rockly Hill, Conn.  
*ΘΥΩ; Electric; A. I. E. E.*
- B. Austin Coates; Worcester.  
*KΠΣ; Mechanic; Rope Pull Comm.*
- Theron Metcalf Cole; North Carver.  
*AXA; Football.*
- John Brophy Coyle; Worcester.  
*Mechanic.*
- Edward Francis Cronin; Pittsfield.  
*Friars; Civil.*
- Gordon Sharpe Cruickshank; Norwich.  
*ΦΓΔ; Mechanic; Football; Track.*
- Curtiss Marshall Dann; Sharon, Pa.  
*ΦΓΔ; TBΠ; Chemist; Tech News; Basketball; Football; Junior Prom. Comm.; Class Vice Pres.; Tech Council.*
- John Sarkes Davagian; Millbury.  
*Civil.*
- Donald Alphonso Day; Worcester.  
*Electric.*
- Maurice Edward Day; Milford.  
*Civil; Glee Club.*
- William Albert Dempsey; Worcester.  
*Electric.*
- Phillip S. Dean; New Milford, Conn.  
*AXA; Electric; Rope Pull; Paddle Rush; Glee Club.*
- Raymond George DesRochers; Aldenville.  
*Civil; Friars.*
- Samuel David Ehrlich; Glastonbury, Conn.  
*ΣΩΨ; Chemist; Soccer.*
- Richard Stephen Falvey; Worcester.  
*ΘX; Electric; Swimming Team; Junior Prom Comm.*
- Russell William Fargo; Verbank, N. Y.  
*Electric.*
- Robert Keating Finlayson; Worcester.  
*Civil.*
- Robert C. Flagg; Worcester.  
*ATQ; Mechanic; Rifle Club; Boat Club.*
- Joseph Edward Flanagan; Worcester.  
*Friars; Chemist; Tennis.*
- Herbert Forbes Gale; Northboro.  
*ΘΥΩ; Electric.*
- Joseph Glasser; Holyoke.  
*Electric; Radio Club; A. I. E. E.*
- George Gustave Gleisberg; Clinton.  
*Chemist.*
- Julius Lawrence Gould; Greenfield.  
*Electric.*
- Raymond Oscar Granger; Worcester.  
*Friars; Civil; Cross-Country; Newman Club.*
- Willard P. Greenwood; Gardner.  
*ΘX; Chemist; Cross-Country; Glee Club; Camera Club.*
- William Emil Grubert; Westfield.  
*ΣAE; Mechanic; Golf; Bowling; Basketball.*
- Martin B. Grnzdis; Worcester.  
*KΠΣ; Chemist.*
- James John Gusha; Worcester.  
*Civil.*
- Preston Henry Hadley, Jr.; Bellows Falls, Vt.  
*ΦΓΔ; Mechanic.*
- Allan Fraser Hardy; Worcester.  
*ΘX; Chemist; Skep. Chemists.*
- Francis Lloyd Harrington; Rock City, Falls, N. Y.  
*ΘX; Chemist; Assistant Manager Spring Track.*
- Edward Everett Hayden; Brookville.  
*Mechanic; Glee Club.*
- Willy Max Hebel; South Glastonbury, Conn.  
*ΘΥΩ; Electric; Soccer.*
- Julius Russell Hemenway; Worcester.  
*Electric.*
- Leonard G. Humphrey, Jr.; Marblehead.  
*ΘΥΩ; Mechanic; Editor-in-Chief Tech News; Manager Band; Prom Comm.; Class Historian.*
- Eugene Somers Henning; Worcester.  
*Electric.*
- Floyd Laird Hibbard; Seymour, Conn.  
*Electric; Football.*
- George Franklin Hodgkinson; Worcester.  
*Mechanic.*

- Frank Oscar Holmes, Jr.; Norfolk.  
ΦΣΚ; *Chemist*; *Baseball* (1,2); *Masque*;  
*Skep. Chemists*.
- Stephen Louis Hreusik; East Douglas.  
*Electric*.
- Wendell Denning Jewell; Providence, R. I.  
*Civil*; *Camera Club*; *A. S. C. E.*
- Ladislaus Thomas Jodaitis; Gardner.  
*Friars*; *Civil*; *Swimming*; *A. S. C. E.*
- Joseph Allen Johnson; Niagara Falls, N. Y.  
ΦΣΚ; *Electric*; *President Radio Club*.
- James Leland Jordan, Jr.; Braintree.  
*Mechanic*.
- Osmond Llewellyn Kinney; Mystic, Conn.  
ΦΓΔ; *Electric*; *Assistant Manager*  
*Tennis*.
- Paul Stover Krantz; Worcester.  
*Mechanic*.
- Bror Gustaf Larson; Worcester.  
*Electric*.
- Theodore Rudolph Latour; Worcester.  
*Chemist*; *Skep. Chemists*; *Newman Club*  
*Sec.*
- Roger Hill Lawton; Springfield.  
ΦΓΔ; *Electric*; *Football*.
- Herbert Victor Leckie, Jr.; Rome, N. Y.  
ΦΣΚ; *Electric*; *Business Assistant of*  
*Tech News*.
- Harold Arthur LeDuc; West Springfield.  
ΦΔΓ; *General Science*; *Vice President*  
*W. P. I. S. C. A.*; *Track*.
- Orrin Prescott Lee; South Hamilton.  
ΛΧΑ; *Mechanic*; *Radio Club*; *Rifle*  
*Team*; *Aero Club*.
- Lester Louis Libby; Norwich, Conn.  
*Electric*; *Radio Club*; *Band*.
- Clifton Gordon Lincoln; New Bedford.  
ΑΤΩ; *Chemist*; *Sec.*, *Tech News*; *Jr.*  
*Editor*, *PEDDLER*; *Glee Club*.
- Kenneth Andrew Linnell; Worcester.  
*Civil*; *Treasurer*; *Camera Club*.
- Harry Robert Livingston; Holyoke.  
*Electric*; *A. I. E. E.*
- Robert Bowness Logan; Worcester.  
ΦΓΔ; *Mechanic*; *Basketball*; *Junior*  
*Banquet Committee*.
- Evan Charles Luce; West Boylston.  
ΘΥΩ; *Civil*; *Varsity Soccer*; *Fraternity*  
*Baseball*.
- Edward Joseph Lunney; Worcester.  
*Mechanic*; *Newman Club*.
- Arvo Albert Luoma; Fitchburg.  
*Mechanic*.
- Norbert Joseph Luszczynski; Worcester.  
ΚΠΣ; *Civil*; *Swimming*.
- Charles Witham McElroy; Lowell.  
ΦΣΚ; *Civil*; *PEDDLER Staff*; *Swimming*.
- Frederick William McIntyre; Worcester.  
*Mechanic*.
- William Ellison McKay; Springfield.  
ΦΣΚ; *Electric*; *President*; *Tech Coun-*  
*cil*; *Ass't Mgr. of Basketball*; *A. I. E. E.*
- Theodore David McKinley; Winthrop.  
ΘΧ; *Chemist*; *Cross-Country*; *Track*.
- Thomas Francis McNulty; Worcester.  
ΑΤΩ; *Mechanic*; *Football*; *Swimming*;  
*Sec'y Class*; *In'frat'y Council*.
- Donald Gordon MacMillan; Hardwick.  
ΛΧΑ; *Electric*; *Radio Club*.
- Edward Robert Maddock; Saratoga Springs,  
N. Y.  
ΑΤΩ; *Electric*.
- Frank Hines Madigan; Worcester.  
*Mechanic*.
- George Allan Makela; Fitchburg.  
ΘΧ; *Civil*; *Swimming*.
- Richard Parker Merriam; Middletown, Conn.  
ΘΥΩ; *Mechanic*; *Treasurer*; *Ass't Mgr.*  
*Basketball*; *Ass't Business Mgr. Tech*  
*News*.
- Raymond Lewis Moeller; Middletown, Conn.  
*Mechanic*.
- John Joseph Molloy; Auburn.  
*Friars*; *Civil*; *Newman Club*; *A. S. C. E.*
- Kenneth Lawrence Moran; Worcester.  
ΑΤΩ; *Chemist*; *Track*; *Masque*; *Jr. Ed.*  
*PEDDLER*; *Skep. Chemists*.
- Albert Edward Moran; North Andover.  
*Friars*; *Chemist*; *Cross-Country*; *Track*;  
*Newman Club*.
- Homer Rollins Morrison; Worcester.  
ΑΤΩ; *General Science*; *Managing Edit-*  
*or, Tech News*; *Junior Editor*, *PEDDLER*.
- Roland Libby Nims; Bloomfield, N. J.  
ΦΣΚ; *Electric*; *Ass't Manager*, *Tennis*;  
*Junior Editor*, *PEDDLER*; *Band*.
- Howard Einar Nordlund; Dorchester.  
ΑΤΩ; *Electric Boat Club*; *Camera*  
*Club*; *A. I. E. E.*
- John Francis Noreika, Jr.; Worcester.  
*Civil*.
- Verner Rudolph Olson; Worcester.  
ΛΧΑ; *Chemist*; *Class Basketball*; *Skep.*  
*Chemists*.
- John Tadeus Orzech; Ware.  
*Electric*.
- John Joseph O'Shea; Worcester.  
ΣΑΕ; *Mechanic*; *Boat Club*.
- Andrew Walter Palm; Milford.  
*Mechanic*.
- Albert Nelson Parry; Portland, Me.  
ΦΓΔ; *Mechanic*; *Soccer*.
- George Henry Perry; Worcester.  
ΣΑΕ; *Civil*; *A. S. C. E.*
- James Etnott Pirie; Barre, Vt.  
ΑΤΩ; *Chemist*; *Orchestra*; *Band*; *Jr.*  
*Ed. PEDDLER*.
- William Charlton Potter; Springfield.  
ΦΥΔ; *A. I. E. E.*; *Soccer* (2, 3); *Class*  
*Soccer* (1, 2); *Rope Pull*.
- John Joseph Power, Jr.; Worcester.  
*Civil*.
- John Carter Powers; Bolton.  
*Civil*.
- Sampson Lincoln Price; Brookline.  
*Mechanic*.
- Charles Churchill Puffer; Springfield.  
ΦΣΚ; *Civil*.
- Raymond Quenneville; Holyoke.  
*Civil*; *Secretary A. S. C. E.*
- Vytantas Thomas Ratkiewich, Jr.; Union City,  
Conn.  
ΘΧ; *Chemist*.

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- Robert Langworthy Richmond; Yonkers, N. Y.  
*Mechanic.*
- Emerson Joseph Robinson; Milford.  
*Mechanic.*
- Lou's Rovno; Fitchburg.  
AXA; *Chemist; Junior Prom. Comm't-tee.*
- William John Samborsky; E. Douglas.  
*Civil.*
- Victor F. P. Sepavich; Worcester.  
*Electric.*
- Paul Roberts Shepler; Mystic, Conn.  
ΦΓΔ; *Mechanic; Track.*
- Nathan Shuman; Chelsea.  
ΣΩΨ; *Civil.*
- Joseph Richard Sigda; Holyoke.  
ATΩ; *Junior Prom Committee; Ass't Mgr. Swimming Team; Junior Editor*  
PEDDLER.
- Alvaro Antonio Silva; Worcester.  
*Electric.*
- Irving Skeist; Worcester.  
ΣΩΨ; *Chemist; Boyntonians.*
- Stanley Joseph Sleczkowski; Saxonville.  
*Civil.*
- Donald Hall Sleeper; Worcester.  
ΣAE; *Golf; Swimming; Electric.*
- Charles Edward Sliva; Turners Falls.  
*Mechanic; Basketball Seconds.*
- Charles Sumner Smith; Willimantic, Conn.  
ΦΣΚ; *Mechanic; Basketball; Tech News; Junior Prom Committee.*
- Kingston Cady Smith; West Newton.  
AXA; *Electric; A. I. E. E.*
- Malcolm Kent Smith; Worcester.  
*Chemist; Skep. Chemists; President.*
- David Vincent Smyth; Plainville, Conn.  
ΣAE; *Mechanic; Soccer; Ass't Mgr. Track.*
- Eric William Soderberg; Worcester.  
ΦΣΚ; *Mechanic; Ass't Mgr. Swimming.*
- Louis David Soloway; Worcester.  
ΣΩΨ; *Chemist; Skep. Chemists; Tech Carnival.*
- Chester Arnold Spencer; Worcester.  
*Electric.*
- Raymond Farwell Starrett; Athol.  
ΦΓΔ; *Mechanic; Baseball.*
- William Raymond Steur; Worcester.  
*Mechanic; Camera Club; Tech News; Tech Bible.*
- Robert Lincoln Stone; Otter River.  
AXA; *Electric; Football; Track; Glee Club.*
- Joseph Adam Sukaskas; Worcester.  
ATΩ; *Electric; Basketball.*
- Phillip Joseph Sullivan; Springfield.  
ΣAE; *Mechanic; Chairman Junior Prom Comm.*
- Frederick Wilson Swan, Jr.; Dedham.  
ΦΓΔ; *Mechanic; Glee Club; Band.*
- Roy Olof Swenson; Worcester.  
ATΩ; *Mechanic; Football.*
- Gordon Sedowick Swift; Northampton.  
ΘX; *Mechanic; Masque; Junior Prom; Band; Orchestra; Glee Club; Musical Association.*
- John James Tasillo; Hartford, Conn.  
ΣAE; *Mechanic; Rifle Club; Newman Club.*
- Robert Broad Taylor; Worcester.  
ΘX; *Mechanic; Rifle Team; Boat Club; Tech Carnival.*
- John Edward Tholl; Needham.  
ATΩ; *Mechanic; Football; Masque; Boat Club.*
- Everett Leslie Vaughn; Worcester.  
*Electric.*
- Max Howard Voigt; Holyoke.  
ATΩ; *Electric; Radio Club; A. I. E. E.*
- Douglas Leighton Watkins; Montpelier, Vt.  
AXA; *Electric; Soccer Manager.*
- Harvey William White; Worcester.  
*Civil.*
- Plummer Wiley; W. Hartford Ct.  
ΘX; *Mechanic; Swimming Team; Rifle Team; Glee Club; Band; Rifle Club; Treas. of A. A.*
- Henry Edward Williams; E. Brookfield.  
*Civil.*
- William McIntroy Wilson; Fitchburg.  
*Civil; Soccer.*
- Russell Houghton Wood; Worcester.  
ΘX; *Mechanic; Glee Club.*
- Humphrey Joseph Wrin; Arlington, Vt.  
*Mechanic; Friars; Glee Club.*
- William E. Wyman; Annisquam.  
ΦΣΚ; *Mechanic; Football; Tech Council; Tech Carnival.*

## JUNIOR CLASS





HUNTLEY, MONTVILLE  
PHELPS, McGRATH, ESTES

## SOPHOMORES

CLASS  
OF  
1936

### CLASS OFFICERS

|                          |                       |
|--------------------------|-----------------------|
| John T. McGrath.....     | <i>President</i>      |
| James W. Phelps.....     | <i>Vice-President</i> |
| George B. Estes.....     | <i>Secretary</i>      |
| Edward V. Montville..... | <i>Treasurer</i>      |
| George W. Huntley.....   | <i>Historian</i>      |

- Harry Theodore Anderson, Jr.; Middleboro.  
ΘΥΩ; *Mechanic; Tech. News; Interfraternity Baseball; Aero Club; Rope Pull; Paddle Rush.*
- Isaac M. Arenberg; Rochester.  
*Civil.*
- Edward William Armstrong; Newport, N. H.  
ΘX; *Mechanic.*
- William Francis Atwood, Jr.; Waltham.  
*Mechanic.*
- John Joseph Balasavich; East Wareham.  
ΘX; *General Scientist.*
- Leo Thomas Benoit; Worcester.  
ΣΑΕ; *Mechanic; Varsity Golf; Rope Pull.*
- Carl F. Benson; North Stonington, Conn.  
*Mechanic; Glee Club.*
- Walter Frederick Beth; Worcester.  
ΘX; *Mechanic.*
- Carleton Walker Borden; Fall River.  
ΦΣΚ; *General Scientist; Varsity and Class Soccer; Basketball; Tennis; Tech News.*
- Irving Harold Bottcher; Holden.  
ΘX; *Civil; Basketball; Baseball.*
- John Robertson Brand; Worcester.  
ΦΣΚ; *Mechanic; Soccer.*
- Robert Malcolm Bruce; Holliston.  
ΘΥΩ; *Mechanic; Swimming; Tennis; Masque.*
- Roger Walton Bruce; Westboro.  
ΣΑΕ; *Electric; Ass't Mgr.; Football.*
- Dixon Chapman Burdick; Manchester, Conn.  
*Chemist; Rope Pull; Basketball.*
- Harold Shepard Burr; Worcester.  
ΑΧΑ; *Chemist; Camera Club; Skep. Chymists.*
- George William Busby, Jr.; North Andover.  
*Chemist; Band; Rope Pull; Class Football; Rifle Club.*
- John Raymond Casler, Jr.; Florence.  
ΘX; *Chemist; Football; Track; Aero Club.*
- Allen Cadman Chase; North Brookfield.  
ΦΕΚ; *Mechanic; Football; Track.*
- George Lewis Chase; Winsted, Conn.  
ΦΓΔ; *Mechanic; Freshman Swimming; Glee Club; Class Pres. (2A); Football.*
- William Cooper Clark; Fairview.  
ΑΧΑ; *Mechanic; Masque; Soccer; Fraternity Sports.*
- Loring Coes, Jr.; Brookfield.  
*Chemist.*
- Harold Newton Cox, Jr.; Southold, L. I.  
ΑΧΑ; *Mechanic; Band; Glee Club; Class Soccer; Camera Club.*
- Norman Vincent Coyle; Worcester.  
*Electric.*
- John Augustus Crane; Framingham.  
ΦΥΩ; *Mechanic.*
- Abner Crumb; Norwich, Conn.  
*Electric; Band; Radio Club.*
- Frank Edward Cutler; Worcester.  
ΣΩΨ; *Chemist; Fraternity Sports.*
- Walter George Dahlstrom, Jr.; Worcester.  
ΑΧΑ; *Chemist; Soccer.*
- George Utton Dautrich; Winsted, Conn.  
ΘX; *Mechanic; Glee Club; Boat Club; Fraternity Relay.*
- Paul Milton Downey; Nashua, N. H.  
ΘX; *Chemist; Band; Orchestra.*
- Donald Lucien Edmunds; Lyndonville, Vt.  
ΑΧΑ; *Mechanic; Band; Orchestra.*
- Alfred Clifton Ekberg; Worcester.  
ΘΣΚ; *Mechanic; Class Swimming; Class Golf; Soccer; Rope Pull; Ass't Mgr. Swimming.*
- Walter B. Eklund; Worcester.  
*Civil; Glee Club.*
- C. Henry James Ethier; Brookfield.  
*Civil.*
- Robert Fowler, Jr.; Winthrop.  
ΘX; *Electric; Soccer.*
- Thomas Creswell Frary; Newton Highlands.  
ΘΥΩ; *Chemist; Tech News Staff; Cosmo Club.*
- George William Fuller; Hampton, Conn.  
ΑΧΑ; *Mechanic; Class Football; Glee Club.*
- Norman Wilfred Gaudreau; Springfield.  
ΑΤΩ; *Civil.*
- Scott Kneeland Goodwin; Northampton.  
ΘX; *Mechanic.*
- Alexander Lewis Gordon; Worcester.  
ΣΩΥ; *Chemical; Camera Club; Skep. Chymists.*
- Martin Craig Cowdey; Amherst.  
*Civil; Friars; Band; Tech News; Newman Club; Sophomore Football; A. S. C. E.*
- Harry Cooper Gray; Springfield.  
*Mechanic; Swimming Team.*
- Vincent Peter Grublevskas; Worcester.  
*Electric; Swimming Team.*
- Julius Edward Guild; Amesbury.  
ΘΥΥ; *Mechanic; Track; Cross-Country; Interclass Track.*
- A. Hamilton Gurnham; Ludlow.  
ΘΥΩ; *Mechanic; Soccer; Class Swimming; Baseball Compet.; Soph Hop Comm.; PEDDLER Staff; Class Secretary (2 terms); Chairman Class Carnival Comm.; Rope Pull.*
- Francis Victor Gullo; Lawrence.  
*Electric.*
- William Reid Hannall; Springfield.  
ΦΣΚ; *Mechanic; "Y" Cabinet; Tech News; Glee Club; Chairman Freshman Rules Comm.*
- Joseph R. Hastings, Jr.; Chicopee.  
ΑΧΑ; *Electric; Track Compet.*
- James Knapp Healy; Weymouth.  
ΦΓΔ; *Electric.*
- Thomas J. Healey, Jr.; Auburn.  
ΣΑΕ; *Electric; Football; Interfraternity Track.*

- Harold Fritz Henrickson; Holden.  
ΘΧ; *Mechanic; Basketball.*
- Hilliard Hiller; Windsor, Conn.  
ΦΓΔ; *Mechanic; Football; Basketball Seconds.*
- Walter H. Holt; West Boylston.  
*Mechanic; Soccer; Basketball Seconds; Golf; Class Track; Class Basketball.*
- Leland Brewster Howard; Worcester.  
ΦΓΔ; *Mechanic.*
- Richard Shaw Howes; Middleboro.  
ΘΥΩ; *Civil; Baseball; Band; Class Football.*
- Leonard G. Humphrey; Marblehead.  
ΘΥΩ; *Editor-in-Chief Tech News; Manager Band; Junior Prom Comm.*
- George Williams Huntley; Newport, N. H.  
ΔΧΑ; *Civil; Class Historian (4 terms); Basketball Compet.; Capt. Class Golf; Masque; W. P. I. S. C. A.*
- Frederick E. Hyatt, Jr.; Moorestown, N. J.  
ΔΧΑ; *Mechanic; Soccer Compet.; Aero Club.*
- Leonard W. Johnson; Northboro.  
ΦΣΚ; *Mechanic; Swimming; Glee Club.*
- Wallace Lord Johnson; Orange.  
ΘΥΩ; *Mechanic.*
- F. Kenwood Jones; Worcester  
ΘΥΩ; *Mechanic; Masque; Glee Club; Swimming.*
- Alexander M. Kaplanko; Calcutta, India.  
*Electric.*
- Richard William Keenan; Worcester.  
*Civil.*
- William J. Kosciak; Worcester.  
*Mechanic.*
- Ernst P. L. Krippendorf; Lynn.  
ΘΧ; *Mechanic; Sec. Cosmo Club; Sec. Aero Club; Sec. Class; Swimming; Masque.*
- James A. Lane; Worcester.  
ΔΧΑ; *Chemist; Swimming.*
- Robert Anton Langer; Glenbrook, Conn.  
*Friars; Electric; Tech News; PEDDLER Staff.*
- Clinton E. Leech; Springfield.  
ΘΥΩ; *Mechanic; Soccer; Track; Class President; Tech News; Basketball Compet.*
- Nathan Robert Levine; Worcester.  
ΣΩΨ; *Civil; Interfraternity Sports.*
- Raymond Joseph Luthawicz; Worcester.  
*Chemist.*
- John T. McGrath, Jr.; Worcester.  
ΣΑΕ; *Civil; Class Track Capt.; Track; Class Treasurer; Class President.*
- Harry Foster McRell; Pittsfield.  
ΘΧ; *Chemist; Glee Club; Camera Club.*
- Michael Andrew Macuga; E. Douglas.  
*Chemist.*
- William C. Maine; Willimantic, Conn.  
ΦΣΚ; *Mechanic; Class Soccer; Assistant Manager Soccer; Rope Pull.*
- Angelo Vincent Mauriello; Worcester.  
*Civil.*
- Chester H. Minehan; Worcester.  
*Civil.*
- William Miseveth; Hampton, Conn.  
ΦΣΚ; *Electrical; Football; Track.*
- Edward Vincent Montville; Salem.  
*Friars; Electric; Class Treasurer; Soph Hop Comm.*
- David M. Morley; Worcester.  
ΔΧΑ; *Electric.*
- Reginald A. Morrill; Worcester.  
ΘΥΩ; *Mechanic; Tech News, Jr. Editor; Band; Class Golf; Assistant Manager Basketball.*
- Herbert A. Neuman; Franklin.  
*Chemist; Skeptical Chemists.*
- Yngye H. Nordstrom; Worcester.  
*Chemist; Skeptical Chymists; Glee Club.*
- John J. O'Donnell; Shrewsbury.  
*Electric; Camera Club; Masque.*
- Howard William Osborn; Worcester.  
*Civil; Soccer; Masque.*
- James Walter Phelps; McIndoe Falls, Vt.  
ΦΓΔ; *Mechanic; Class Vice-President; Basketball Seconds.*
- Harold Newton Pierson; Hartford, Conn.  
ΦΣΚ; *Civil; Tech News; Football Compet.*
- Harold Francis Pomeroy; Dalton.  
*Electric.*
- John Armour Porter; Worcester.  
ΣΑΕ; *Mechanic; Glee Club; Track.*
- William Simpson Proctor; Wrentham.  
ΔΧΑ; *Chemist; Glee Club.*
- Michael Charles Rallis; Lowell.  
ΘΥΩ; *Civil.*
- John Avery Richardson; Medway.  
ΘΧ; *Chemist; Assistant Manager Rifle Team.*
- Lincoln Dix Robbins, Jr.; Saugus.  
ΘΥΩ; *Electric.*
- Murray Robinson; Washington, D. C.  
ΘΥΩ; *Electric; Interfraternity Sports.*
- George Edward Rocheford; Worcester.  
ΣΑΕ; *Civil; Baseball.*
- Wesley Fenn Rouse; Thomaston, Conn.  
*Chemist; Glee Club.*
- Jacob A. Sacks; Worcester.  
ΣΩΨ; *Chemist.*
- Louis Sadick; Worcester.  
ΣΩΨ; *Mechanic; Soph Hop Committee.*
- Paavo Ernest Salminen; Leicester.  
*Electric.*
- George Alan Sanborn; Lawrence.  
*Mechanic; Chairman Junior Jacket Committee; Soccer.*

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Raymond Walker Schuh; Southbridge.  
ΘΥΩ; *Civil; Glee Club; Rifle Club; Y.  
M. C. A. Cabinet.*

Milton Maynard Seligman; Worcester.  
*Electric.*

Alan Frederick Shepardson; Pittsfield.  
ΦΓΔ; *Chemist; Tech News; Football;  
Basketball; Swimming; Camera Club;  
Skeptical Chymists.*

George Alfred Sherwin; Keene, N. H.  
ATΩ; *Mechanic; Soccer; Tennis; Tech  
News; Tech Carnival Committee; Soph  
Hop Committee; PEDDLER.*

Burton Hayward Simons; Worcester.  
ΔXA; *Electric; Rope Pull; Paddle Rush.*

Benjamin Harrison Smith, Jr.; Bloomfield,  
N. J.  
ΘΥΩ, *Electric; Tech News Reporter.*

William Michael Stanton; Wilton, N. H.  
*Friars; Electric; Rope Pull; Radio  
Club; Aero Club.*

Joseph Arthur Stead; Millbury.  
ΘX; *Civil.*

Wayne Longley Stevens; W. Brookfield.  
*Electric.*

Carl Norman Svenson; Worcester.  
*Electric; Basketball.*

Edward Tavidian; Worcester.  
*Electric.*

John Headen Thomson; Torrington, Conn.  
*Electric; Radio Club; Glee Club.*

Arthur Dyer Tripp, Jr.; Jewett City, Conn.  
ΔXA; *Electric; Rope Pull; Paddle Rush.*

Robert Fox Webster; Hartford, Conn.  
ΦΓΔ; *Chemist; Football; Track.*

Frederick Stanley White; Pawtucket, R. I.  
ΘX; *Mechanic; Band; Radio Club;  
Aero Club; Rifle Club.*

Harold Carmon Whitman; Marlboro.  
ΘΥΩ; *Mechanic; Glee Club; Paddle  
Rush; Rope Pull.*

Abbot Davis Wilcox; Guilford, Conn.  
ΔXA; *Mechanic; Tech News; Aero  
Club.*

George Payne Wood; Southbridge.  
*Mechanic; Glee Club.*

Robert Curtis Wright; Worcester.  
ΦΓΔ; *Electric.*

John Holway Wyman; Medway.  
*Electric; Radio Club.*

Frederic Libbie Yéo; Winchester.  
ΦΓΔ; *Civil; Rifle Team; Ass't Mgr.  
Football; A. S. C. E.*

## SOPHOMORE CLASS





MOORE, JOHNSON, WOODWARD, McKNIGHT

## FRESHMEN

CLASS

OF

1937

### OFFICERS

|                            |                       |
|----------------------------|-----------------------|
| Harold I. Johnson, Jr..... | <i>President</i>      |
| Dana W. Woodward.....      | <i>Vice-President</i> |
| Thomas W. McKnight.....    | <i>Secretary</i>      |
| James F. Moore.....        | <i>Treasurer</i>      |
| Henry S. Fuller.....       | <i>Historian</i>      |

- Sidney David Alpert; Chicopee Falls.  
ΣΩΨ; *Band; Freshman Basketball.*
- Leonard Curtis Anderson; Atlantic City, N. J.  
*Varsity Football; Track; Glee Club; Freshman Athletics.*
- Kingston Elmer Atwood; Worcester.  
ATΩ; *Rope Pull; PEDDLER; Tech Carnival.*
- Philip Gale Atwood; Worcester.  
ATΩ; *Electric; Masque; Class Basketball.*
- Lawrence Kimball Barber; Brattleboro, Vt.  
ΘX; *Chemist; Band; Glee Club.*
- William McKibben Barros; Worcester.  
ATΩ; *PEDDLER; Class Basketball.*
- Donald Lucian Beebe; Quaker Hill, Conn.  
ΦΓΔ; *Civil; Tech News.*
- Beverly Allen Benjamin; Shelburne Falls.  
ATΩ; *General Science; Camera Club; Masque; Track; PEDDLER.*
- William Edward Brown; Norwich, Conn.  
*Electric; Band; Camera Club.*
- Julian Randolph Buck; Portland, Me.  
ΘΤΩ; *Electric; Swimming.*
- William Stuart Bushell; Hamden, Conn.  
ΦΓΔ; *Civil; Swimming; Interfraternity Track; PEDDLER.*
- William Edward Carew; Worcester.  
ΦΣΚ; *Electric; Football; Track.*
- Jarl Arthur Carlson; Worcester.  
ΦΣΚ; *Civil; Football.*
- John Roger Casey; Worcester.  
ATΩ; *Mechanic; Newman Club; Masque; Baseball; Rope Pull.*
- Channcy Dana Chadwick; Randolph, Vt.  
ΦΣΚ; *Civil; Basketball; Class Basketball.*
- Chester Jason Chapman; Worcester.  
*Electric.*
- John Hussey Chapman; Swampscott.  
ΦΣΚ; *Electric; Glee Club; Class Swimming; Tech News; Cosmopolitan Club.*
- Robert Wood Chase; Uxbridge.  
ΣAE; *Chemist.*
- Moses George Cohen; Worcester.  
ΣΩΨ; *Chemist; Band.*
- John Henry Covell, Jr.; Worcester.  
*Electric.*
- Gordon Frederick Crowther; Framingham.  
*Band.*
- Chapin Cassius Cutler; Springfield, Mass.  
*Radio Club; Electric.*
- Henry Carpenter Dearborn, Summit, N. J.  
ΘΤΩ; *Electric; Football; Swimming; Cosmopolitan Club.*
- John Vincent Delaney; Worcester.  
ΣAE; *Mechanic.*
- Robert Paul Denning; Worcester.  
ΣAE; *Mechanic; Track; Frosh; Football; Pres. Class of '37; Band.*
- John Despotopoulos; Leominster.  
*Chemist.*
- Roland Oliver Farrar; Worcester.  
ΦΣΚ; *Mechanic; Swimming.*
- David Coan Felt; Auburndale.  
ΔXA; *Electric; Glee Club.*
- Morton Samuel Fine; Worcester.  
ΣΩΨ; *Band.*
- Charles Kimball Francis, Lunenburg.  
ΣAE; *Mechanic.*
- William Parke Frawley; Worcester.  
*Track; Frosh Football.*
- Henry Shepard Fuller, Washington, D. C.  
ΦΓΔ; *Chemist; Class Historian.*
- Paul Rudolph Glazier; Millbury.  
ΘX; *Mechanic.*
- Richard Irving Gray; Nashua, N. H.  
ΔXA; *Electric; Radio Club; Aero Club.*
- William Greany; Wakefield.  
*Civil.*
- Herbert William Grundstrom; Worcester.  
ΦΣΚ; *Mechanic.*
- Herbert George Gustafson; Worcester.  
ΘX; *Mechanic.*
- William Floyd Hall; Worcester.
- William Fremont Ham; Worcester.  
ΘΤΩ; *Electric.*
- Caleb Dean Hammond, Jr.; Maplewood, N. J.  
ΦΓΔ; *Mechanic; Rope Pull.*
- Edward Hastings Hanson; Worcester.  
ΣAE; *Chemist; Swimming (Frosh).*
- William Jesse Harmon; Leicester.  
*Band; Masque.*
- Francis Stephen Harvey; Worcester.
- Daniel James Hastings, Jr.; Worcester.
- Edwin Francis Hatch; West Hartford, Conn.  
ΦΓΔ; *Chemist; Band, Track.*
- John Higginson; Milford, Conn.  
ΔXA; *Mechanic.*
- Wesley Price Holbrook; So. Weymouth.  
ΘX; *Band; Glee Club.*
- Ralph Herbert Holmes; Worcester.
- Harris Whittemore Howland; W. Hartford, Conn.  
ΘX; *Electric; Basketball.*
- Richard Clayton Hudson; West Boylston.  
*Civil; Glee Club.*
- Stanley L. Hyman; White Plains, N. Y.  
*Electric; Soccer; Swimming; Frosh Show.*

- Albert Hallier Johnson; Hopedale.  
*Mechanic.*
- Harold Irwin Johnson, Jr.; Dedham.  
 $\Theta\Omega$ ; *Civil; Football.*
- Vincent Frederick Johnson; Norwood.  
 $AT\Omega$ ; *Chemist; Basketball.*
- Raymond Benedict Jordan; Revere.  
 $\Phi\Sigma K$ ; *Mechanic; Cross-Country; Varsity and Class Track; Tech News.*
- Basil Clifton Kimball; Westboro.  
 $\Theta\Omega$ ; *Electric.*
- Henry Frederick King; Wilbraham.
- Nathaniel Irving Korman; N. Attleboro.  
*Electric; Radio Club.*
- William Edward Krilovich; Worcester.
- David Robinson LaField; New Haven, Conn.  
 $\Theta X$ ; *Electric; Camera Club; Rifle Club; Publicity Competitor for Masque.*
- Carl Earl Larson, Jr.; Marlboro, Conn.  
 $\Theta X$ ; *Civil; Tech News.*
- Richard Redfern Leonard; Calais, Me.  
*Civil.*
- Ray Keyes Linsley, Jr.; Bristol, Conn.  
 $\Lambda X A$ ; *Civil; Fencing Club; Tech News.*
- John Richard Lucas; Columbus, Ohio.  
 $AT\Omega$ ; *General Science; Masque; Rifle Club.*
- Stanley Thomas Lusas; Woodbury, Conn.  
*Electric.*
- Richard Judson Lyman; Worcester.  
 $\Lambda X A$ ; *Electric; Glee Club; Rifle Club.*
- John Francis McGinnis; Worcester.  
*Chemistry; Friars.*
- Thomas Wesely McKnight; Beverly.  
 $\Phi\Sigma K$ ; *Mechanic; Track; Masque; Tech News.*
- Rolland Walker McMurphy; Bristol, N. H.
- George Joseph Maguire, Jr.; No. Uxbridge.  
*Electric.*
- Billings Leland Mann; Fall River.  
 $AT\Omega$ ; *Freshman Football and Swimming; Rifle Team.*
- Francis Henri Marchand; Webster.  
*Electric.*
- Max Elliot Marshall; Holyoke.  
*Mechanic; Freshman Swimming.*
- Samuel William Mencow; Worcester.  
 $\Sigma\Omega\Psi$ ; *Electric; Track; Carnival Committee.*
- Lawrence Francis Merow; Worcester.  
*Freshman Rifle Team.*
- Douglas Kingston Merrill; Ware.  
 $\Lambda X A$ ; *Mechanic; Glee Club.*
- Charles Robert Michel; Montclair, N. J.  
 $\Phi\Sigma K$ ; *Chemistry; Camera Club; Freshman Basketball and Football.*
- Henry Chester Mieczkowski; Worcester.  
*Friars; Tech News.*
- Joseph Peter Miller; Worcester.
- James Fuery Moore; Holyoke.  
 $\Theta X$ ; *Freshman Football; Band; Masque; Freshman Basketball.*
- Arthur Paul Moosa; Worcester.  
*Friars; Football; Freshman Basketball; Baseball.*
- Philip Wilmot Morrell; Uxbridge.  
 $\Sigma A E$ .
- Samuel Solomon Naistat; Worcester.  
 $\Sigma\Omega\Psi$ ; *General Science; Glee Club.*
- Thomas Michael Nolan; Worcester.  
*General Science; Friars; Football.*
- Thomas Edward O'Neil; Lynn.  
 $\Phi\Sigma K$ ; *Mechanic; Soccer.*
- Carl Shepard Otto; S. Hadley.  
 $\Theta\Omega$ ; *Mechanic; Aero Club.*
- James Bradford Patch, Jr.; Millville, N. J.  
*Chemist; Cosmopolitan Club; Freshman Swimming.*
- Sydney Fred Perkins; Clinton.  
 $\Theta X$ ; *Glee Club.*
- Chandler Pierce; Lunenburg.  
 $\Lambda X A$ ; *Mechanic.*
- Francis W. Plankey; Dalton, Mass.  
 $AT\Omega$ .
- John Poeton; Southbridge.  
 $\Lambda X A$ .
- Charles Walter Poliweck; Ludlow.  
*Band.*
- Alric Hamilton Powell; Worcester.  
 $\Phi\Gamma\Delta$ ; *Glee Club; Freshman Soccer; Cosmopolitan Club; Rope Pull.*
- Arnen Lauriston Powell; Worcester.  
*Rope Pull.*
- Foster C. Powers; Worcester.
- Robert Powers.  
 $\Sigma A E$ ; *Civil.*
- Lawrence Ferdinand Powers; Potsdam, N. Y.
- Harry Press; Lowell.  
*Mechanic; Freshman Swimming.*
- William Price; Brookline.  
*Electric.*
- Richard Prokop; Bronxville, N. Y.  
 $\Theta X$ ; *Chemistry; Camera Club.*
- Oliver Hamilton Raine; Auburn.
- Roger Ephraim Belcher Randall; Brockton.  
 $\Lambda X A$ ; *Band; Track.*
- Robert Searle Rich; Framingham.  
 $\Phi\Sigma K$ ; *Electric; Radio Club.*
- Weldon Richards; Remsen, N. Y.  
 $\Lambda X A$ ; *Mechanic.*
- Francis Waldo Rollins; Millbury.  
*Mechanic.*

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Stanley Munro Roob; Franklin.  
ΑΧΑ; *Electric; Tech News.*

Iver Theodore Rosenlund; Worcester.  
ΑΤΩ; *Electric; Football; Camera Club.*

Edwin de Leszynski Rush, Jr.; Attleboro.  
ΘΧ; *Chemistry.*

Arthur Joseph Schumer; Brooklyn, N. Y.  
ΣΩΨ; *Electric; Camera Club.*

J. Morrison Smith; Washington, D. C.  
ΑΤΩ; *Mechanic; Freshman Soccer and Swimming.*

Paul John Stone; Auburn.  
ΑΧΑ; *Electric; Rifle Club.*

Leonard Russell Strong; Waterbury, Conn.  
ΦΓΔ; *Chemistry; Tech News; Dorm. Committee; Skep. Chymists.*

James Fletcher Swartwout, Jr.; Saratoga Springs, N. Y.  
*Mechanic; Radio Club; Football; Track.*

Fielding Taylor, Jr.; Haverhill.  
ΦΓΔ; *Football; Band; Baseball.*

Harold Richard Townsley; Ashfield.  
ΦΣΚ; *Mechanic.*

Carleton Pattison Vinal; Montclair, N. J.  
ΦΓΔ; *Mechanic; Band; Rifle Club.*

Tom Walters; Point Pleasant, W. Va.  
ΦΣΚ.

Talbot Francis Wentworth; Framingham.  
ΦΓΔ; *Chemistry.*

Albert Earle Wheeler; No. Chelmsford.  
ΑΤΩ; *Mechanic; Glee Club.*

Maurice Blair Whitcomb; Fitchburg.  
ΑΧΑ; *Rifle Club; Glee Club.*

John Bleuney Willard; New Rochelle, N. Y.  
ΦΓΔ; *Masque.*

Dana Whitney Woodward; Bloomfield, N. J.  
ΦΓΔ; *Band; Masque; Class Officer; Football; Dorm. Committee.*

William Woodland Worthley; Lowell.  
ΦΣΚ; *Electric; Radio Club; Camera Club; Glee Club.*

Henry Thaddeus Wrobel; Worcester.  
*Electric; Radio Club.*

George Robert Yanofsky; Worcester.  
ΣΩΨ; *Chemistry; Band.*

Leonard Arthur Young; Worcester.  
*Rope Pull; Paddle Push.*

## FRESHMAN CLASS



# ATHLETICS



W P I

ALUMNI GYMNASIUM



WILEY, WARWICK, CANTOR, SANDQUIST  
RANKIN, KNIGHT, CARPENTER, ARMOUR

## W. P. I. ATHLETIC COUNCIL

### STUDENT MEMBERS

|                               |                       |
|-------------------------------|-----------------------|
| Michael L. Warwick, '34.....  | <i>President</i>      |
| Plummer Wiley, '35.....       | <i>Vice-President</i> |
| Alfred Cantor, '35.....       | <i>Secretary</i>      |
| Anders B. Sandquist, '36..... | <i>Treasurer</i>      |

### FACULTY MEMBERS

President Ralph Earle  
Professor P. R. Carpenter  
Professor A. J. Knight  
Professor H. F. Taylor

### ALUMNI MEMBERS

James W. Armour, '13  
Alfred E. Rankin, '04



BIGLER—Coach. A. CHASE, JOHNSON, THOLL, WOODWARD, HANSON, HIBBARD, GRUNDSTROM, TAYLOR, DRISCOLL, SELLEW—Mgr., (Second Row) TOWNSLEY, McNULTY, ROSEN- LUND, COLE, HARRINGTON, CARLSON, CROWLEY, DANN, SWENSON, DEARBORN, (Front Row) WEBSTER, G. CHASE, BOOTH, CANTOR, CRUICKSHANK—Capt., LAWTON, MISEVETH HILLER, HUNTER

### FOOTBALL TEAM

Gordon Cruickshank.....*Captain*  
 Ivan E. Bigler.....*Coach*  
 Everett Sellew.....*Manager*  
 William Wyman.....*Asst. Manager*

### PERSONNEL

|                    |                       |
|--------------------|-----------------------|
| Gordon Cruickshank | Daniel J. Harrington  |
| Paul W. Booth.     | William Miseveth      |
| Francis J. Crowley | Hilliard Hiller       |
| Roy Driscoll       | Robert F. Webster     |
| Robert D. Hunter   | Jarl A. Carlson       |
| Thomas F. McNulty  | Henry C. Dearborn     |
| Alfred Cantor      | Herbert W. Grundstrom |
| Marshall Dann      | Edward H. Hanson      |
| Floyd L. Hibbard   | Harold I. Johnson     |
| Roger H. Lawton    | Iver T. Rosenlund     |
| Roy O. Swenson     | Fielding Taylor       |
| John E. Tholl      | Harold Townsley       |
| Allen C. Chase     | Dana W. Woodward      |
| George E. Chase    | Frederick F. Cole     |

CAPTAIN  
CRUICKSHANK



MANAGER  
SELLEW



## FOOTBALL SEASON 1933

For the first time in Tech's history, Pete Bigler held formal practice before the official opening of college. Some of the out of town fellows were put up at the Dormitory. Among those who appeared were Whitey Hiller, Bob Webster, Swede Booth, Gordon Cruickshank, Bill Miseveth, Tom McNulty, and Roger Lawton. Al Cantor, who was out with the Civils in Chaffins, managed to get in a few times. Missing from the group were such men as Johnny Noreika, George Hodgkinson, Hatch Gould, and Tom Drago, who were either ineligible to play or did not return to College this year. Mike Sodano, of last year's team helped Pete with the coaching.

The first game of the season came on the Saturday following the opening of College. The team travelled to New London to match up with the Sailors at the U. S. Coast Guard Academy.

In the first quarter the opposing team scored twice. The first touchdown was made by a long pass from the midfield to the twenty yard line from where it was easily carried over. The second came after a fumble by Tech and a triple pass by the Coast Guard combined with a single reverse play around the right end. Tech was able to break through both times when the extra point was attempted and prevented both points after touchdown.

In the second quarter, although both teams resorted to kicking as a means of defense, neither team was able to score. Late in the third period, by a ninety yard march down the field, the Cadets tallied their third goal; again they missed the try for the extra point. The final score in the game was made when one of the Cadets intercepted a Tech pass. During the whole game the Tech backfield was prevented from going into action by the strong Coast Guard line.

After a strenuous practice during the following week, Pete sent his warriors against the Trinity outfit in Hartford. High hopes for victory were entertained by the Tech aggregation, but after the opening whistle they were forgotten.

Tech's inexperienced backfield of Hiller, Webster, Crowley, and the strong plugging Swenson were unable to get going before they were smeared by the Trinity linemen. The first quarter consisted of a series of interceptions and fumbles. This latter weakness of the backfield seemed to be one of our greatest difficulties during the entire season.

The first score of the game was made by Trinity, mainly by a lateral which gained twenty-five yards. The try for the extra point was missed. Crowley, during the succeeding time, managed to carry the ball deep into the secondary only to fumble; later he intercepted a flat Trinity pass. Undaunted, however, the Nutmeggers opened up and again scored, this time making the extra point. The score now stood 13-0.

Early in the next period, Hiller's punt was blocked and as a result another goal was registered by the home team. Following this Tom McNulty, by a beautiful catch of a forward from Crowley, put Tech in a position to score. Swenson carried the ball over and by making the extra point put the score 19-7. Before the final whistle blew the Trinity eleven again scored, making the final score 25-7.

In Tech's first home game of the season they lost a hard fought game to the Cadets from Norwich. Unable to stop the forward passing by the visitors, and handicapped by the loss of Roger Lawton, with a broken nose, and Bob Webster with a serious leg injury, Tech was unable to annex a victory. Hiller, in the backfield, Captain Cruickshank, Bill Miseveth, and Tom McNulty prevented any further score by Norwich after they had tallied by successive plunges in the early part of the second quarter. The finish of the game still found the Engineers at the end of a score of 6-0.

On the following Saturday the ill-fated Engineer eleven lost to the well rounded Arnold team from New Haven. Again fumbles played the leading part in the 13-6 defeat. However, Tech was able to score when Arnold fumbled and Miseveth recovered on the twenty-five yard line. Swenson carried the ball standing up, from the twenty-two yard line. Janinde and Crowe of the Arnold team were thorns in the Engineers' side. By passes and long runs they accounted for Arnold's victory.

A much disheartened team, but with plenty of fight, met our old rivals, Mass. State, on October 20th on Alumni Field. Playing his last football against us, the aggressive little Louie Bush was the spirit of the visiting team. Try as they could, the Tech line could not stop his end runs. Tom McNulty alone seemed to be able to stay the State ball carriers.

In the first quarter the Engineer team made a fine showing. They advanced the ball to the ten yard line, but were unable to push it over. Tech made its lone score when Booth, by an eighteen yard run, set the ball on the forty-one yard marker. This was followed by successive runs by Hiller and Swenson, the latter finally carrying the ball over on a reverse play.

Bush was directly responsible for State's 20 points against the Engineers' 6.

With five defeats in as many starts, the Boynton Hillers entertained the strong R. I. State eleven on their own field. Undaunted, however, they put up a fine show, many times making the State coach do a few gymnastics. The speedy little newcomer, Freddie Cole, with the aid of Jack Tholl, was outstanding in the backfield for the Engineers. It was Tholl who, after spearing a pass from Hiller, sped over the goal line early in the first quarter. Rhode Island's points all came indirectly as a result of fumbles by the Bigler men. The final score stood Worcester 7, Rhode Island 20.

Tech's real opportunity to gain a victory came in its last game of the season when the Engineers met their old rivals, the Trojans, of Troy. The Worcester team outplayed the opposing team throughout the game. It was not until the last quarter that a pass from Captain Myers of the Trojans to Don McKinley scored the lone goal of the game.

Outstanding in the Engineers' line showing was the work of Bill Miseveth and Tom McNulty, along with Floyd Hibbard. Hiller again played his hard game, both offensive and defensive.

Looking back Tech did not make a good showing, but, with the experience gained by the new men, Pete is sure to have a far better team next year. Graduation removes only Frank Crowley, Paul Booth, and Bob Hunter.



BIGLER—Coach, PHELPS, DANN, STAFFORD, C. SMITH, BORDEN, BURNS—Mgr.  
BOTTCHER, SVENSON, WARWICK, Capt., HENRICKSON, NORTON

### BASKETBALL TEAM

|                         |                      |
|-------------------------|----------------------|
| Michael M. Warwick..... | <i>Captain</i>       |
| Ivan E. Bigler.....     | <i>Coach</i>         |
| Warren R. Burns.....    | <i>Manager</i>       |
| William E. McKay.....   | <i>Asst. Manager</i> |
| Richard P. Merriam..... | <i>Asst. Manager</i> |

### PERSONNEL

|                    |                      |
|--------------------|----------------------|
| Michael Warwick    | Harold F. Henrickson |
| James W. Phelps    | Curtis M. Dann       |
| Charles S. Smith   | Carleton W. Borden   |
| Irving H. Bottcher | Carl N. Svenson      |
|                    | Sumner A. Norton     |

CAPTAIN  
WARWICK



MANAGER  
BURNS

## BASKETBALL SEASON

On a basis of games won, the past season was not a highly successful one, but six of the fourteen can be entered in that column. However, considering the season from the standpoint of interest to the spectators, show of spirit on the part of the players, sportsmanship, and other similar factors, the balance was swung the other way.

The first game of the year came on December 16th at Alumni Gym with Fitchburg State Teachers College. The student-coached and managed team outplayed Tech to the tune of 35-25. Tech was handicapped by a lack of practice and the dearth of inexperienced performers. Capt. Mike Warwick and Joe Sukaskas were the only letter men on hand. Sonny Norton, a senior, and Fritz Hendrickson and Norm Svenson, sophomores, made up the starting five. Dan Harrington also saw service up forward in this game.

After the Christmas layoff, the team returned to action on January 6th against the United States Coast Guard Academy. The boys played stellar, mediocre, and disappointing ball in turn, and kept the stands alternately cheering and sighing to the final whistle. But the score board read "Tech—41, Coast Guard—39" and the Tech rooters went home happy. Then came a trip to Hartford to engage Trinity. A tricky and classy opponent combined to down the W. P. I. men, 34-20.

The game that one reads about but seldom sees came on January 13th with the opponent Connecticut State. After an exciting thirty-nine minutes the score stood 32-35 in favor of the Nutmeggers. With but fourteen seconds to play Joe Sukaskas made a floor goal and a second or two later Mike made a charity shot. Amid almost perfect silence he made it and the cheers of the crowd nearly drowned the sound of the gun a few seconds later. In the overtime period Tech added six points, while State remained at 35.

R. I. State came to Worcester with a reputation for scoring 44 points or more a game. They left with the record unbroken and a score of 44-36 in their favor, but Tech left with the plaudits of the crowd. The antics of a six foot seven inch center materially helped R. I.

With exams but a short time removed, Joe remained home from the Tufts' game at Medford. This did not help the team any, and it came home with downcast heads after a 58-26 shellacking.

New Hampshire U. went down under the score of 47-38 in another highly exciting set-to. Following this, on February 10th, the annual series with Clark began in South High Gym. After trailing most of the way, the crimson and gray flew at the top of the mast at the final whistle 25-20.

Arnold Physical Culture College from New Haven paid Alumni Gym a visit on February 17th and went home edged 35-33, while the spectators had nervous prostration.

The Northeastern bus arrived with a highly favored team and apparently an evil omen for Tech. Joe Sukaskas was hurt in this game and though he came back later, Northeastern pulled out 36-30 to the good.

Clark won its only three games wearing dirty shirts, so the psychology department got busy. The boys appeared at Alumni Gym so clothed. It availed them naught, however, as the 37-29 score attests.

An undefeated Mass. State squad with Louie Bush as chief attraction, made it twelve straight by taking Tech into camp 47-33. Highly efficient, it even removed Joe from further competition for the season when he badly sprained his ankle. The performances of Capt. Warwick, Norton and Svenson, made Tech's 33 points possible. Providence College and B. U. put the final touches on the season with 59-21 and 41-29 scores, respectively.

Major letters were presented to Norton, Sukaskas, Warwick, Hendrickson, and Svenson for their stellar efforts for the year. Minor letters went to the remainder of the squad, Jim Phelps, Phil Stafford, Irv Botcher, Charlie Smith, Marsh Dann, Dan Harrington, and Carl Borden. With all but Norton, Warwick, and Stafford on hand for next year, the prospects for a banner season are far better than for several years past.



McGRATH, C. LARSON, SHEPLER, G. PERRY, DANN, ROTHMICH, PIHL, SHERBURNE—Mgr.  
 FRAWLEY, MENCOW, MISEVETH, EGAN, KALISTA, Capt., WHITCOMB, BUELL, HATCH.

OUTDOOR TRACK

- George Kalista.....Captain
- Oliver Johnstone.....Coach
- Philip C. Sherburne.....Manager
- David V. Smythe.....Asst. Manager

PERSONNEL

- |                   |                    |
|-------------------|--------------------|
| George Kalista    | George Perry       |
| E. F. Rothemich   | Paul R. Shepler    |
| Arvo E. Pihl      | John McGrath       |
| Vincent Buell     | Allen Chase        |
| Charles J. Egan   | William Miseveth   |
| C. Marshall Dann  | Edwin F. Hatch     |
| Harold Le Duc     | Carl E. Larson     |
| Paul Sullivan     | Samuel Mencow      |
| Robert F. Webster | William P. Frawley |

CAPTAIN  
 KALISTA



MANAGER  
 SHERBURNE

## 1933 OUTDOOR TRACK

The 1933 Outdoor Season was opened against Mass. State and resulted in a decisive victory for the Tech Tracksters. The Tech track and field men showed remarkable strength in both the running and field events. Tech swept the century, furlong, and quarter. The field men upheld Tech by taking all the places in the hammer, shot, and javelin. Tech annexed all the first places but three. It was a gala day for the Tech team as it ran roughshod over the Staters. The outstanding color bearers for Tech were Jensen, with a victory in the 440 and a second in the half, Moran with a triumph in the 220 and place in the 440 along with A. Chase and Kalista, as well as Link Stone who garnered many points in the field events. The final score found Tech returning to Worcester on the long end of a 94-41.

The second meet of the year found Tech stacked against a strong Rhode Island State outfit. The State team was a little too strong for the Red and Gray color bearers. Jensen as usual won his specialty, the quarter, while Kalista, Chase, Stone, and Lyman were outstanding. Rhode Island was strong in the longer runs and piled up a large lead which Tech could not overcome. The final score ended with Tech on the short end of an 80-54 score. The Tech team showed well in all-round strength and prepared itself for the Eastern Intercollegiate meet to be held the following week. In this meet, which was copped by Middlebury, Tech after a hard battle managed to score sixteen points to land fifth in the final reckoning of points. Tech was outclassed in the running events, but managed to uphold itself in the field events. Jensen won the quarter, while Kalista and Chase placed in the field events to keep Tech's nose above water. Lyman topped the timbers to take a fourth in a fast race. Jensen was the outstanding performer of the day, however, as he won the specialty in the remarkable time of 50.4 seconds.

The next meet found the Red and Gray outfit represented by a single entry in the name of Harry Jensen. Harry took a third to Adams, Bates, and Ring, Holy Cross in the commendable time of 49.8 to give Tech its two points in the meet.

This ended the Tech track season for 1933. It was a good season. Tech met its first defeat in three years in a dual meet at the expense of a favored Rhode Island team. Tech has always in the past had good track teams, and prospects for the coming year are brilliant, as Tech has lost only Jensen and Lyman. The teams that are to carry on are well drilled and are used to victory, so that the future teams are expected to carry on.



JOHNSTONE, Coach; SHERBURNE, Mgr.  
DENNING, EGAN, HATCH, SULLIVAN.

## INDOOR TRACK

The track team of 1934 began the season with what looked to be an inferior group; graduation having greatly depleted the ranks of the squad. New men were brought along, and towards the end of the season it became much stronger.

The first meet of the year found the relay quartet facing Mass. State and Rhode Island State at the Boston Garden in the K. of C. meet. The Tech relay team was composed of two seniors, Capt. Chick Egan and Paul Sullivan, and two freshmen, Bob Denning and Ed Hatch. Tech managed to eke out a second place to Rhode Island State. This same team however went to Boston two weeks later and defeated a highly favored Colby team. The great running of Ed Hatch and Paul Sullivan was the feature of the Tech victory. Because of the illness of the anchor man, Paul Sullivan, the Tech team was unable to run in the University Club meet at Boston.

Brown University was the next foe of the Tech tracksters. This meet was held in Providence and the Brunonians sadly outclassed our track and field men. The Brown men captured five of the eight first places. Sullivan took first place in the 600 while Miseveth and McGrath were taking the shot and hurdles. Vinny Buell took two thirds in the 1000 and mile. A spill in the 300 spoiled Tech's chances in that event as Chick Egan and Ed Hatch fell in a mad scramble for the first turn. Bob Denning, however, managed to get in third, after much jostling about on the turns. The final score was Brown 42, Tech 23.

Mass. State was the final opponent of the Tech runners. This was the first time that Tech showed up in true form, taking all three places in the thirty-five yard dash and the hurdles. The team also scored heavily in the running and field events, winning the meet by a score of 39 to 33. McGrath, Egan and Denning were the outstanding performers of the day. Egan took first place in the thirty-five yard dash and McGrath duplicated in the hurdles. Egan also placed second to State's great Shaw in the three hundred. This meet marked the close of the 1934 indoor track season, and after the boards had been cleared, Tech had emerged victorious twice and had been defeated the same number of times. Now that the team has rounded off into form, as shown by the results of the Mass. State meet, it is expected that Tech will continue on her winning path in the coming outdoor season.

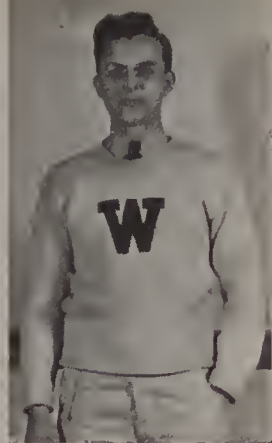
Mention should here be given to some of the outstanding performers of the team who are graduating. George Kalista enjoyed a fine season also, along with such stars as Egan, Sullivan, and Whitcomb.

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CAPTAIN  
BUELL



MANAGER  
MESH



## CROSS COUNTRY SEASON

This year's Cross-Country team, led by Captain Buell, was victorious in two meets, losing the other three by small margins to strong opponents. The team opened the season by enjoying a field day at the expense of the Coast Guard Academy of New London. Paced by Captain Buell, Al Moran, and Charlie Frary, Tech managed to annex seven of the first ten places. The final score was 15-40.

The second victory for the Tech runners was that over Mass. State. This turned out to be the closest meet of the season, the final score being 27-28. There was a little mixup in the course according to the State runners, but a general roundup after the meet found that Tech was still ahead, albeit by a very narrow margin.

The last three meets were not so fruitful for Tech, however. A journey to Troy, N. Y., yielded the first defeat of the season at the hands of Rensselaer. Tufts administered the second defeat on their home course.

Against the strong Rhode Island State aggregation the Tech harriers showed up surprisingly well, although going down to their third straight defeat.

Coach Johnson loses several of his star performers by graduation this June, but should have a good nucleus for a strong Cross-Country team next Fall.

### CROSS-COUNTRY TEAM

MESH—Mgr., RANDALL, McKINLEY, JORDAN, FRARY, GUILD, JOHNSON—Coach.  
A. E. MORAN, GRANGER, BUELL—Capt., ROTHMICH, GREENWOOD





BIGLER, Coach, TAYLOR, MOOSA, CASEY, BOTTCHER, DesROCHERS, LUCE, HARVEY  
CROWLEY, Mgr., HOWES, STARRETT, SANDQUIST, DRISCOLL—Capt., KOZIOL, CANTOR  
HIBBARD

## BASEBALL

|                     |                      |
|---------------------|----------------------|
| Roy Driscoll .....  | <i>Captain</i>       |
| Ivan E. Bigler..... | <i>Coach</i>         |
| Frank Crowley ..... | <i>Manager</i>       |
| John E. Tholl.....  | <i>Asst. Manager</i> |
| James Tasillo ..... | <i>Asst. Manager</i> |

## PERSONNEL

Roy Driscoll  
Roman Koziol  
Alfred Cantor  
Floyd Hibbard  
Raymond Starrett  
Raymond DesRochers  
Evan C. Luce

Richard Howes  
Anders B. Sandquist  
Irving H. Bottcher  
Arthur Moosa  
John R. Casey  
Francis Harvey  
Fielding Taylor



CAPTAIN  
DRISCOLL



MANAGER  
CROWLEY

## BASEBALL 1933

The first call came about three weeks before the opening game with Northeastern University. Left without a veteran pitcher, Coach Bigler had plenty of worries. From the previous season he had Capt. Noreika, John Molloy, Irv Gartrell, Frank Holmes, Ray Starrett and George Makredis, all capable ball-players.

With but two days of outside practice, Tech faced a veteran team in Boston. Andy Sandquist, a freshman, pitched his first game and also made the only Tech hit of the game. Erratic fielding coupled with lack of practice resulted in a 6-0 setback.

A game slated with New Hampshire University had to be cancelled because of a muddy field. In the second game of the season, Mass. State completely swamped the Boynton Hillers by handing them a 17-0 defeat. Sandquist again started in the box but was replaced by Roy Driscoll after the former had allowed ten hits to the visitors.

For the first time in six years, Clark University checked up a win over a Tech nine. The seventh inning was a grand party for the boys from across the city when they collected four runs. Captain Noreika scored a homer and a triple to show his usual fine brand of ball.

On the following Saturday, a somewhat improved Tech Ball Club again was on the short end of the score when they met up with the R. I. State outfit in Kingston. In this game Pete made a change in the lineup by putting Holmes and Starrett in the outfield. Captain Noreika brought in Tech's lone run in the fourth.

Under a blazing sun on Alumni Field, the Boynton Hillers tried in vain to prevent Clark University's second victory, but without success. Sandquist pitched a fine game, but due to lack of support could not prevent three runs to the visitors, to the single run scored by Bob Gould for Tech.

A pretty discouraged, but still hopeful, Tech ball team journeyed down to Hartford to tackle Trinity College. Fate had written that they should not win and Tech lost by a score of 5 to 1.

The prospects for next year are exceptionally better, for graduation takes away only John Molloy and Irving Gartrell, leaving such men as John Noreika, Irving Bottcher, Frank Holmes, Ray Starrett, Dick Howes, Andy Sandquist, Al Cantor, Roy Driscoll, and R. J. Koziol.

| DATE     | OPPONENT     | LOCATION     | TECH | OPPONENT |
|----------|--------------|--------------|------|----------|
| April 20 | Northeastern | Worcester    | 0    | 6        |
| April 29 | Mass. State  | Worcester    | 1    | 17       |
| May 6    | Clark        | Clark        | 4    | 8        |
| May 13   | R. I. State  | Kingston     | 1    | 6        |
| May 20   | Clark        | Alumni Field | 1    | 3        |
| May 27   | Trinity      | Hartford     | 1    | 5        |



WHITTUM, BORDEN, STAFFORD  
 SHERWIN, LUCE, HOLT, WILSON, HEBEL, OSBORN  
 HIGGINBOTTOM—Coach, CLARK, DAHLSTROM, BRAND, SARGENT, MONKS, GURNHAM  
 ERICKSON, HADLEY—Mgr.

### SOCCKER TEAM

George V. Sargent.....*Captain*  
 Edwin Higginbottom .....*Coach*  
 Preston Hadley .....*Manager*  
 Charles Puffer.....*Asst. Manager*  
 Douglas Watkins.....*Asst. Manager*

### PERSONNEL

George Sargent  
 Howard Whittum  
 Willy Hebel  
 Howard W. Osborn  
 Evan C. Luce  
 A. Hamilton Gurnham  
 Philip W. Stafford  
 Herbert J. Ericson

Carleton W. Borden  
 Norman Monks  
 John R. Brand  
 George A. Sherwin  
 Walter G. Dahlstrom  
 Walter H. Holt  
 William C. Clark  
 William M. Wilson

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CAPTAIN  
SARGENT



MANAGER  
HADLEY

## SOCCKER TEAM

The soccer season for Tech looked bright, for graduation removed only three of the mainstays of the previous season, namely: Captain Allen, George Lyman, and Tack Hammer. Coach Higginbottom had plenty of veteran material to build his team upon; these included Captain Sargent, Monks, Whittum, Borden, Brand, Hebel Luce and Ashley. Somehow or other, with all this fine material the team did not seem to click. The end of the season found Tech with two wins, one tie, against three victories for the opponents.

The team first fell a victim to a strong team at Mass. State. Although Tech scored the first goal in the opening part of the game, they could not stop their opponents from scoring three goals before the final whistle. Both Hebel and Whittum played a hard defensive game, as did Captain Sargent as goalie.

At Middletown against Wesleyan, the team met too strong an opponent and went down to defeat by a score of 5-1. The Wesleyan players, by their superior passing ability, were able to carry the ball through many times. Carl Borden, center, succeeded in scoring Tech's lone point of the game on a penalty kick.

The initial victory of the season came when the team outplayed the Tufts outfit from Medford. The one point was gained by Bill Clark, the fast little forward who made a beautiful kick, which did not rise more than a couple of feet from the ground, from the corner of the field. Try hard as they could, the booters from Tufts could not score a single point as the Tech defense was functioning as smooth as a clock that day. It was the first time that the Tech outfit had shown a form that was indicative of its coaching.

Repeating its win mania, Tech scored its second victory of the season at the expense of the Conn. State booters. This game was played at Storrs, amidst a deluge of rain. The winning point came in the second period when Monks received a pass from Wilson, and drove it through the posts from a difficult angle of the field.

The best our team could do against our rivals from the city was a 1-1 tie. After playing two five-minute overtime periods, Gurnham scored the lone goal for Tech by a long boot from the center of the field.

In the final game of the season, the players pulled a surprise by holding a highly rated Fitchburg Normal team to a 2-1 score. Jack Brand tallied our only point by a twisting boot which hit the goal post and rolled in unassisted. Captain Sargent, Hebel, and Clark played their usual hard game and accounted for the good showing made by the Tech lads.

Prospects for next season are extremely encouraging with but Captain Sargent, Monks, Whittum, and Ashley graduating. The big problem is the job to fill the post left vacant by Captain Sargent. Norman Monks and Howie Whittum will also be sorely missed.

| DATE    | OPPONENT         | LOCATION   | TECH | OPPONENT |
|---------|------------------|------------|------|----------|
| Oct. 7  | Mass. State      | Amherst    | 1    | 3        |
| Oct. 14 | Wesleyan         | Middletown | 1    | 5        |
| Oct. 21 | Tufts            | Worcester  | 1    | 0        |
| Oct. 28 | Conn. State      | Storrs     | 1    | 0        |
| Nov. 4  | Clarke           | Worcester  | 1    | 1        |
| Nov. 11 | Fitchburg Normal | Fitchburg  | 1    | 2        |



GRANT—Coach, McNULTY, BERGSTROM, GRUBLEVSKAS, PARTA—Mgr.  
BRUCE, LANE, FALVEY—Capt., WILEY, GRAY

### SWIMMING TEAM

|                      |                      |
|----------------------|----------------------|
| Richard Falvey ..... | <i>Captain</i>       |
| Frank Grant .....    | <i>Coach</i>         |
| Carl E. Parta.....   | <i>Manager</i>       |
| Joseph R. Sigda..... | <i>Asst. Manager</i> |
| Eric Soderberg.....  | <i>Asst. Manager</i> |

### PERSONNEL

Richard Falvey  
Plummer Wiley  
Carl Bergstrom  
George Makela  
Thomas McNulty

Richard I. Gray  
Robert M. Bruce  
James A. Lane  
Vincent Grublevskas  
Norbert Luszcznski

CAPTAIN  
FALVEY



MANAGER  
PARTA



## SWIMMING

The Swimming season of 1933 can be listed as one of the successful teams of the school year, as it came through with a fifty per cent average. Coach Grant with high hopes of a championship team was sadly disappointed, as Captain Henry Franklin did not return to school. Nevertheless, composed entirely of Juniors and Sophomores, the team did surprisingly well, aided by such performers as Captain Falvey, Plummer Wilcy, and Harry Gray, as well as Tom McNulty. McNulty found it necessary to discontinue his swimming activities in order to devote more time to his studies.

The team opened the season with a hard-fought victory over Conn. State, the meet running to the 400-yard relay. The score finally stood Worcester 43, Conn. State 34. First places were won by Captain Falvey, Wiley, and Gray.

In the second contest of the season, the score was just the reverse of the previous meet. Tech lost by a score of 34-43. The meet was spectacular, two records were broken. Captain Merz of the Wesleyan team broke the pool record in the 200-yard breast stroke, and Harry Gray broke the college record and tied the pool record in the 40-yard free style.

Tech's initial meet with Mass. State in the new Mass. State pool at Amherst resulted in an easy win for the Worcester natators, the score being 45-32. The trio of Captain Falvey, Wiley, and Gray again shared individual honors.

The team received its worst setback at the hands of the powerful Rensselaer team at Troy. If conditions had been different the team would have done much better. After a long hard ride over the snow-covered roads, the team was forced to compete directly upon arriving. This fact accounted for the team being at the end of the score of 63-21.

The following week the team again jumped into the winning column, this time against Bowdoin by a score of 50-26. Worcester received a break in the very first race of the meet when one of the Bowdoin swimmers failed to touch the end on one of the turns. Captain Falvey, not satisfied with winning both the 220-yard and 440-yard free-style, also swam on the winning relay team.

On meeting up with Lord Jeff's team at Amherst, they found too strong an opponent, losing by a score of 58-18. Capt. Falvey accounted for the team's only first place when he came down the home stretch closely followed by Grublevskas, also of Worcester.

Just to even things up, the team went down to Boston one night and came back with a close decision over the Boston University outfit. Things were pretty close all the time and the coach had plenty of chances to worry. The meet finally ended in a score of 37-34, with Tech on the winning end. Bob Bruce, our only diver, who had been taking second places consistently, came through with his first win.

In the final meet of the season with the team from Trinity, our fellows met too much space where they had not expected it. After a gallant try, the team went down into defeat by a score of 51-28.

Although not much has been said about the performances of such men as Jimmy Lane in the backstroke, and Carl Bergstrom and Lenn Johnson in the free-style events, Tech surely would not have fared so well without them, and it is upon all these men that Coach Grant builds the foundation for his team next year.



BERRELL—Mgr., MERRIAM, SLIVA, CORSINI—Coach  
BORDEN, FLANAGAN, PALMER—Capt., NORTON

### TENNIS

Shepard B. Palmer.....*Captain*  
Russell Corsini .....*Coach*  
Warren M. Berrell.....*Manager*

### PERSONNEL

|                    |                    |
|--------------------|--------------------|
| Shepard B. Palmer  | Charles H. Sliva   |
| Joseph E. Flanagan | Richard P. Merriam |
| Sumner A. Norton   | Carleton W. Borden |



CAPTAIN  
PALMER



MANAGER  
BERRELL

## 1933 TENNIS TEAM

With only two veterans from last year's team as a nucleus and much new material, especially from the freshman class, which had to be developed and experienced, the 1933 tennis team showed an undaunted spirit and undying strength to fight to the end even though defeat was staring them in the face.

The first game of the season opened with the husky lads from Vermont State College, whose team showed much superior strength and experience, as the team had played together the year before. But the still inexperienced Tech team put up a beautiful fight and Norton was able to make a good show in the singles matches, winning the only set for Tech, as the score ended 4 to 1.

In the second game of the season the Tech team showed more fight and experience, as they took over the Bowdoin netsters in a close match of 5-4. Cummings and Flanagan took over most of the singles, while they were undefeated in their doubles sets, as were Norton and Haskin.

The team was able to get a week of rest and practice before the Tufts game, as the Springfield match was cancelled because of rain. But the rest seemed of no avail, for the team seemed an easy victim for the strong Tufts team, losing by a score of 5-1. Tech seemed in poor form, and Norton and Haskins saved them from a shutout by winning one of the double sets. But the next day brought new life, led by Corsini, whose dazzling accuracy and speed seemed to give the whole team that winning spirit which is so prominent in all Tech teams, the team came through for a victory of 7-2 over Providence College. Borden and Bausman seemed to be an excellent pair in the double matches.

On May 8 Tech's winning streak of several years with Holy Cross was broken by a defeat from them of 6-3. But two days later the team redeemed itself by an easy victory over the Clark netsters in a match that ended with a score of 8-1. Captain Corsini was again in his rare form, and this victory cinched second place for Tech in the annual city tennis series.

On May 23, although Norton and Corsini showed excellent playing in the doubles, the team bowed to the strong aggregate from Boston College, being defeated by a 4-2 score. The following Saturday Tech put up one of the best fights of the season in an attempt to close the season against Trinity with a victory, but Trinity proved a bit too strong, though not superior in every respect, as Palmer proved in the single matches.

| SCORES 1933    |                 |        |      |          |
|----------------|-----------------|--------|------|----------|
| OPPONENT       | LOCATION        | W.P.L. |      | OPPONENT |
| Vermont        | Worcester       | 1      |      | 4        |
| Bowdoin        | Worcester       | 5      |      | 4        |
| Springfield    | Springfield     |        | Rain |          |
| Tufts          | Worcester       | 1      |      | 5        |
| Providence     | Worcester       | 7      |      | 2        |
| Holy Cross     | Tech            | 3      |      | 6        |
| Clark          | Clark           | 8      |      | 1        |
| Boston College | Worcester       | 2      |      | 4        |
| Trinity        | Hartford, Conn. | 1      |      | 5        |



ECKBERG, SIGDA, KOWALSKI—Capt. BENOIT, SARGENT—Mgr.

### GOLF TEAM

Anthony C. Kowalski.....*Captain*

George V. Sargent.....*Manager*

Leo T. Benoit

Alfred C. Eckberg

Louis Sadick

Donald H. Sleeper

Joseph Richard Sigda

CAPTAIN  
KOWALSKI



MANAGER  
SARGENT



## GOLF SEASON, 1933

The Tech 1932-1933 golf season was not particularly successful from the standpoint of the number of games won. However, it was a schedule full of close matches and very good playing.

The team consisted of three veterans and three new men. Capt. Art Anderson, Tony Kowalski and Harry Stenbeck made up the experienced talent, while Leo Benoit, Don Sleeper and Louis Sadick exhibited their wares for the first time.

The first game was played on May 2, with Holy Cross, at the Wachusett Country Club. After a series of close individual matches the final score was 6 to 3, with Tech on the short end. As was expected, the Holy Cross College sent an unusually fine delegation of golfers out on the links, and consequently this defeat did not materially perturb the Tech sextet.

In the same week the team played the Bowdoin Golfers and were again repulsed by a 4 to 2 margin. Tony Kowalski and Leo Benoit starred in this match, each garnering a point for Tech.

On May 9, the Tech golfers broke into a winning column by outclassing Providence College to the tune of 5 to 1. Taking three singles and both foursomes, Tech easily showed itself superior to the Dominicans.

May 17 saw the Boynton Hillers out gunning for another victory. However, at this time Amherst took the match by a 4 to 2 margin after some close play in both foursomes. Capt. Anderson made the only individual point and teamed with Tony Kowalski to win the foursome match.

The final match was played at the Unicorn Country Club, where the team met Tufts in a last struggle for a win. This match proved to be the closest and the most thrilling of the season. Both Capt. Anderson and Leo Benoit won their individual matches, but only by very close margins. They lost their foursome match after twenty holes of even play. Tony Kowalski also lost out after a struggle which necessitated the playing of two extra holes.

The team was ably managed by Eddie Johnson, who will be succeeded by George Sargent in the 1933-1934 season of the Tech "mashie swingers."

Prospects for the coming season look very bright, as the team will have with them again Tony Kowalski, Leo Benoit and Louis Sadick. As this goes to press it is reported that there are several promising contenders from the ranks of the underclassmen. Foremost in this group are two experienced golf players, Don Sleeper and Joe Sigda, who are both third-year men. It is also current gossip that there is fine material among the freshman class which can be developed in the future.

### SUMMARY

|        |            |   |        |   |
|--------|------------|---|--------|---|
| May 2  | Holy Cross | 6 | W.P.I. | 3 |
| May 5  | Bowdoin    | 4 | W.P.I. | 2 |
| May 9  | Providence | 1 | W.P.I. | 5 |
| May 17 | Amherst    | 4 | W.P.I. | 2 |
| May 26 | Tufts      | 4 | W.P.I. | 2 |



RICHARDSON, RANDALL, LYMAN, WHITE, SCHUH, VINAL, SNOW, HAMMOND  
ALMY, WILEY, FLAGG—Capt., MERRIAM—Coach, LEE, TAYLOR, MANN

### RIFLE TEAM

R. C. Flagg.....*President*  
P. Wiley .....*Vice-President*  
R. B. Taylor.....*Secretary-Manager*  
R. Schuh.....*Treasurer*  
K. G. Merriam.....*Faculty Adviser*

### PERSONNEL

O. P. Lee  
L. G. Almy  
B. L. Mann  
J. R. Lucas  
C. D. Hammond  
C. P. Vinal  
F. S. White  
S. T. Lusas

G. A. Bennett, Jr.  
D. R. LaField  
R. J. Lyman  
M. B. Whitcomb  
R. L. Richmond  
W. S. Snow  
J. A. Richardson  
L. F. Merow

J. R. Casler

CAPTAIN  
FLAGG



MANAGER  
TAYLOR

## RIFLE CLUB SEASON

The spring of 1934 saw the Tech Rifle team bring to a close the most successful season in its history. Not that it won every match, but it met in actual competition more colleges than any other team on the Hill. Rather than limiting its activities to postal matches as in former years, most of the matches were shot shoulder to shoulder with the opposing team. This held the interest of the members and resulted in the twelve wins out of eighteen matches.

Freshman-Sophomore rivalry started the season, and two members of the winning Freshman team continued to shoot as members of the Varsity.

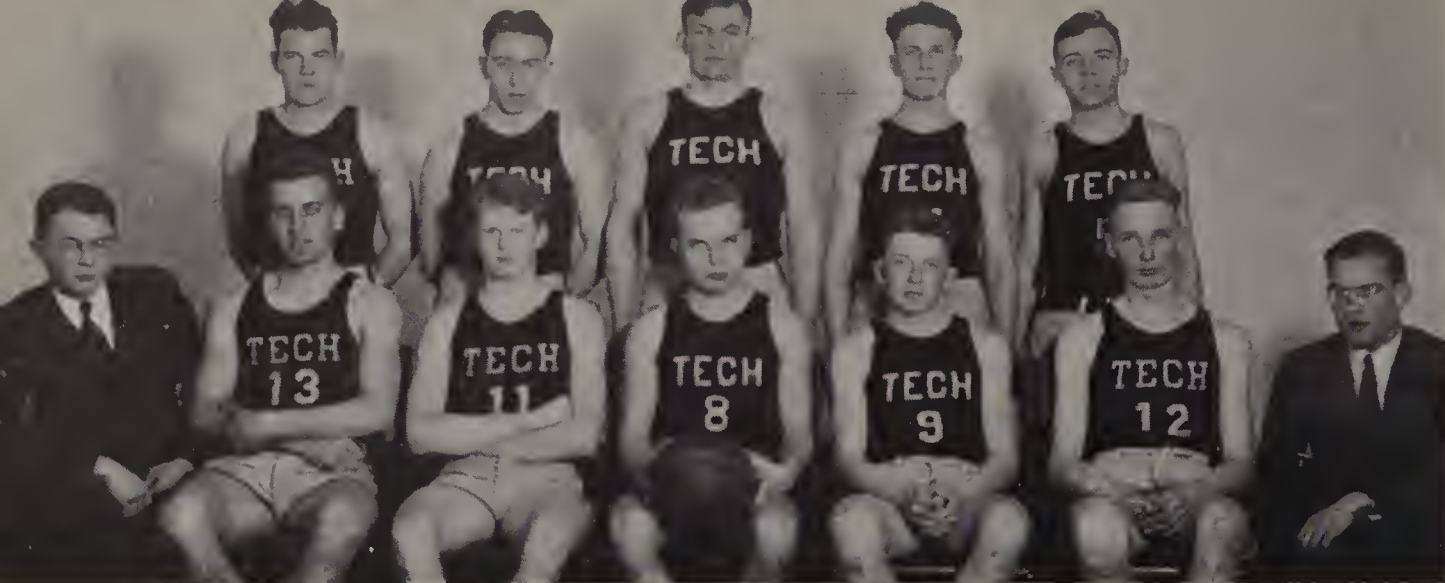
The first regular match was held with the Inter-High team of Worcester, and Tech was easily victorious. Perhaps this win gave the team too much confidence, as they dropped the next two matches to Cornell and M.I.T., respectively. The week before the Christmas recess found the team winning from B.U. by default, and also a shoulder match with Boston College, but it took a decisive beating from the older and more experienced Worcester Pistol and Rifle Club.

Between Christmas and Mid-years the team won again from B.U. by default, split with Northeastern, each team winning on its own range, and then lost a second time to the Worcester Pistol and Rifle Club at the latter's galleries.

With the worries of Mid-years past, the team showed a decided improvement, losing at first to Conn. State at Worcester, but then it gained momentum which carried it victorious through matches with Holy Cross, Lowell Textile, Trinity, Wentworth and Carnegie Tech. The Engineers then visited the Nutmeggers to receive another setback, but with two more victories, a postal match with R.P.I., and a return match with B.C., the team ended an excellent season.

The prospects for next year are very bright, as only Len Almy will be lost by graduation. The remaining men, Orrin Lee, Plummer Wiley, and Bob Flagg, all Juniors, were consistently high, while the two Freshmen, Jack Lucas and Bill Mann, have shown a great deal of improvement and promise.

Credit should be given to Professor Merriam for his help and work as Faculty advisor, and to Manager Taylor for a well-balanced schedule which he arranged. Without their help the season would not have been such a success, as it has practically no support from the Institute,—a rare occurrence in college rifle teams.



TITLEY, CHADWICK, LUSAS, HOLT, BURDICK  
 MERRIAM—Mgr., SLIVA, HOWLAND, SANDQUIST—Capt., CLARK, JOHNSON, McKAY—Mgr.

# BASKETBALL SECONDS

## TECH SECONDS

- Anders B. Sandquist.....*Captain*
- H. A. Maxfield.....*Coach*
- William E. McKay.....*Manager*
- Richard P. Merriam.....*Manager*

## PERSONNEL

- |                    |                     |
|--------------------|---------------------|
| Dixon C. Burdick   | Chauncy D. Chadwick |
| Perry P. Clark     | Hilliard Hiller     |
| Walter H. Holt     | Harris W. Howland   |
| Charles E. Sliva   | Stanley T. Lusas    |
| Vincent F. Johnson | William H. Titley   |

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# FRESHMEN SWIMMING

## FRESHMAN SWIMMING TEAM

J. Morrison Smith.....*Captain*  
Frank W. Grant.....*Coach*  
Joseph R. Sigda.....*Manager*  
Eric W. Soderberg.....*Manager*

## PERSONNEL

|                   |                    |
|-------------------|--------------------|
| Julian R. Buck    | William S. Bushell |
| Henry C. Dearborn | Edward H. Hanson   |
| Max E. Marshall   | Harry S. Press     |

SIGDA—Mgr., BUCK, FARRAR, SMITH  
DEARBORN, PRESS, MARSHALL, HANSON, BUSHELL





BURNS, OSBORNE—Head Cheer-leader, BEEBE

## CHEER-LEADERS

Edson H. Osborne

*Head Cheer-Leader*

Warren R. Burns

George S. Beebe

Frederick W. Swan, Jr.

# TECH "W" MEN

## FOOTBALL

P. W. Booth  
R. D. Hunter  
J. R. Driscoll  
E. F. Sellew  
A. Cantor  
G. S. Cruickshank  
F. L. Hibbard

G. F. Hodgkinson  
R. H. Lawton  
J. F. Noreika  
J. E. Tholl  
W. Miseveth  
H. Hiller  
T. F. McNulty

## BASEBALL

J. R. Driscoll  
R. J. Koziol  
A. Cantor

J. F. Noreika  
R. F. Starrett  
I. H. Bottcher

A. B. Sandquist

## BASKETBALL

S. A. Norton  
M. L. Warwick  
T. V. Ratkiewich  
W. R. Burns

J. F. Noreika  
J. A. Sukaskas  
H. F. Henrickson  
C. V. Svenson

## TRACK

V. F. Buell  
W. J. Denning  
C. J. Egan  
C. S. Frary  
G. Kalista  
W. E. Mesh  
G. P. Whitcomb  
R. S. Logan  
A. E. Moran

K. L. Moran  
R. L. Stone  
P. J. Sullivan  
A. C. Chase  
J. T. McGrath  
W. Miseveth  
R. P. Denning  
E. F. Hatch  
G. S. Beebe

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# FRATERNITIES

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SKULL TOMB



DRISCOLL, KALISTA, HODGKINSON, WARWICK, FRARY  
NOREIKA, BERRELL, WHITCOMB, SELLEW, SARGENT, BIGLER

## THE SKULL

SENIOR HONORARY SOCIETY

FOUNDED 1911

*Member with Distinction*

President Ralph Earle

### FACULTY

Mr. Ivan E. Bigler

Mr. M. Lawrence Price

Mr. Donald G. Downing

Prof. Herbert F. Taylor

Mr. A. Francis Townsend

### 1933—MEMBERS—1934

Warren M. Berrell

George V. Sargent

James R. Driscoll

Everett F. Sellew, *Pres.*

Charles S. Frary, Jr.

Michael L. Warwick

George F. Hodgkinson

Gordon P. Whitcomb,

George Kalista

*Sec.-Treas.*

John F. Noreika, Jr.

Skull is the Senior honorary society, the members of which consist of the most outstanding men of the Senior Class. Members of the Junior Class are tapped at an assembly in the late spring.

The Skull, founded in 1911, serves as a reward to men who by virtue of their past services, have brought honor to Tech. It also seeks to make one do more for Tech. Six years ago the Skull added a new trophy to the trophy room. This trophy is a silver cup on which is engraved each year the name of the Freshman who has done the most for Tech during his first year. This, however, does not guarantee future membership in the Skull, but merely serves the purpose of spurring Freshmen on to do more for Tech.

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WATKINS, BURPEE, McNULTY, HUMPHREY  
JOHNSON, PIERCE, SWAN, WHITTUM, CRUICKSHANK

## INTERFRATERNITY COUNCIL

### FACULTY

Mr. Paul R. Swan, *Chairman*

Dr. Clarence A. Pierce, *Secretary*

### STUDENTS

|                              |                            |
|------------------------------|----------------------------|
| Gordon S. Cruickshank.....   | <i>Phi Gamma Delta</i>     |
| Howard A. Whittum.....       | <i>Sigma Alpha Epsilon</i> |
| Thomas F. McNulty.....       | <i>Alpha Tau Omega</i>     |
| William E. Burpee.....       | <i>Theta Chi</i>           |
| Douglas L. Watkins.....      | <i>Lambda Chi Alpha</i>    |
| Julius L. Gould.....         | <i>Phi Sigma Kappa</i>     |
| Leonard G. Humphrey, Jr..... | <i>Theta Upsilon Omega</i> |

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## PHI GAMMA DELTA

Founded at  
Washington Jefferson College  
April 22, 1848

Active Chapters—76

Pi Iota Chapter  
Founded  
November 21, 1891

Total Membership—25,157

Pi Iota Chapter of Phi Gamma Delta, oldest of Tech fraternities, founded its local chapter in the fall of 1891. A year previous to that, a student, who had transferred to Tech, which was then a small college, together with several of his chums, decided to band together in a club. As fraternities were just coming into popularity, a petition was submitted to Phi Gamma Delta, and the society was admitted in November, 1891. After several experiments in location, the active chapter then purchased the property at 99 Salisbury Street from Stephen Salisbury and built the present house there in 1899. Due to the fact that it was the first fraternity at Tech, the college coöperated with the organization, and the opening of the chapter house was one of the social events on the Hill.

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## FACULTY

Asst. Prof. William L. Phinney, Jr.

Prof. Leland L. Atwood

Mr. A. F. Townsend, Jr.

R. T. Maynard.....Graduate Student

1934

R. D. Barnard

E. F. Sellew

W. F. Drake

R. N. Clark

H. F. Lorenzen

T. A. Hyde, Jr.

P. W. Booth

G. A. Stevens

P. S. Grierson

1935

G. S. Beebe

R. B. Logan

P. H. Hadley, Jr.

W. C. Potter

H. A. LeDuc

C. M. Dann

R. F. Starrett

R. H. Lawton

G. S. Cruickshank

R. R. Sheplar

O. L. Kinney

F. W. Swan, Jr.

1936

G. L. Chase

R. C. Wright

A. N. Parry

A. B. Sandquist

R. F. Webster

L. B. Howard

H. Hiller

A. F. Shepardson

J. K. Healy

F. L. Yeo

J. W. Phelps

W. H. Titley

1937

D. L. Beebe

J. B. Willard

C. D. Hammond, Jr.

H. S. Fuller

F. Taylor, Jr.

J. B. Sutcliffe

W. S. Bushell

D. W. Woodard

E. F. Hatch

## PLEDGES

A. H. Powell

T. F. Wentworth

C. P. Vinal

## SIGMA ALPHA EPSILON

Founded at  
University of Alabama  
March 9, 1856

Active Chapters—108

Mass. Delta Chapter  
Founded  
April 10, 1894

Total Membership—40,555

Sigma Alpha Epsilon Fraternity was founded on the ninth day of March, 1856, at the University of Alabama, in the old city of Tuscaloosa. Eight students, who had become hard and fast friends, were the founders of this brotherly society, which was destined to extend to the furthestmost limits of the country and eventually to become the largest Greek-letter fraternity in the world.

The Massachusetts Delta chapter of Sigma Alpha Epsilon is the second oldest of the Tech fraternities, having its origin in what was known as the Tech Co-operative Society, which was founded in the fall of 1892. The society form of organization was adopted because there was faculty opposition to fraternities at that time, but in the spring of '93 application for a charter was made to the national S.A.E. fraternity and, as a result, the new chapter was installed on March 10, 1894.



## FACULTY

Prof. Charles M. Allen  
 Prof. Herbert F. Taylor  
 Prof. Percy R. Carpenter

Mr. M. Lawrence Price  
 Mr. Clyde W. Hubbard  
 Mr. Warren R. Purcell

### 1934

H. F. Clarke  
 W. J. Denning, Jr.  
 J. R. Driscoll  
 C. J. Egan  
 P. G. Guernsey  
 L. R. Laroche

N. R. Mango  
 J. A. McMahon  
 P. J. Sullivan  
 G. P. Whitcomb  
 H. A. Whittum

### 1935

G. P. Beaulieu  
 R. M. Branch  
 W. E. Grubert  
 J. J. O'Shea  
 G. H. Perry

J. J. Power, Jr.  
 D. H. Sleeper  
 D. V. Smyth  
 Philip J. Sullivan  
 J. J. Tasillo

### 1936

L. T. Benoit  
 R. W. Bruce  
 T. J. Healey

J. T. McGrath, Jr.  
 J. A. Porter  
 G. E. Rochford

### 1937

R. W. Chase  
 R. P. Denning  
 C. K. Francis

E. H. Hanson  
 P. W. Morrell  
 R. W. Powers

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## ALPHA TAU OMEGA

Founded at  
Virginia Military Institute  
September 11, 1856  
Active Chapters—91

Mass. Gamma Sigma Chapter  
Founded  
November 27, 1906  
Total Membership—25,000

The Worcester Tech Chapter (Mass. Gamma Sigma) of Alpha Tau Omega had its beginnings in the form of a local fraternity known as the Arm and Hammer. In the fall of 1903, Roger Del French, together with five other men, concluded that there was room for another fraternity at Tech.

A constitution was drawn up, and the name Arm and Hammer was adopted, the idea being taken from the Tech seal and the spirit which it indicated. For some months the existence was unknown, but the club had steadily grown, and when finally made known the group was very compact. The club acquired a house on West Street, when, in 1906, it was installed into Alpha Tau Omega. The present chapter house on Institute Road was purchased in 1909, to which an addition and extensive interior changes were added in the fall of 1929.

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## FACULTY

Prof. H. H. Newell  
Prof. T. H. Morgan

Mr. J. E. Fitzgerald  
Prof. H. P. Fairfield

1934

Arvo E. Pihl  
Edson H. Osborne  
Philip C. Sherburne  
Warren M. Berrell  
Eugene C. Parta

Michael L. Warwick  
Wallace R. Powell  
Francis J. Crowley  
John S. Maloney

1935

Kenneth L. Moran  
Robert C. Flagg  
Roy O. Swenson  
Clifton G. Lincoln  
John E. Tholl  
Franklin M. Angevine

Joseph R. Sigda  
Thomas F. McNulty  
James E. Pirie  
Howard E. Nordlund  
Max H. Voigt  
Joseph A. Sukaskas

1936

Karl D. Eastman  
George A. Sherwin

Norman W. Gaudreau

1937

Philip G. Atwood  
James M. Smith  
Beverly T. A. Benjamin  
Iver T. Roselund  
John R. Casey  
Kingston E. Atwood

John R. Lucas  
J. Frederick MacDonald  
Billings L. Mann  
William M. Barros  
Francis W. Plankey  
Albert E. Wheeler

# ALPHA TAU OMEGA

## CHAPTER ROLL

|               |                                         |               |                                     |
|---------------|-----------------------------------------|---------------|-------------------------------------|
| Alpha Omega   | University of Florida                   | Beta Delta    | University of Alabama               |
| Alpha Beta    | University of Georgia                   | Beta Epsilon  | Tulane University                   |
| Alpha Theta   | Emory University                        | Delta Psi     | University of Mississippi           |
| Alpha Zeta    | Mercer University                       | Beta Alpha    | Simpson College                     |
| Beta Iota     | Georgia School of<br>Technology         | Gamma Upsilon | Iowa State College                  |
| Alpha Mu      | Adrian College                          | Delta Beta    | University of Iowa                  |
| Beta Kappa    | Hillsdale College                       | Delta Omicron | Drake University                    |
| Beta Lambda   | University of Michigan                  | Delta Upsilon | University of South Dakota          |
| Beta Omicron  | Albion College                          | Beta Psi      | Leland Stanford                     |
| Gamma Lambda  | University of Colorado                  | Delta Phi     | Occidental College                  |
| Delta Eta     | Colorado Agricultural<br>College        | Delta Chi     | University of California            |
| Epsilon Alpha | Colorado School of Mines                | Gamma Iota    | University of California            |
| Gamma Psi     | University of Wyoming                   | Delta Iota    | University of Nevada                |
| Beta Upsilon  | University of Maine College             | Epsilon Beta  | University of Arizona               |
| Gamma Alpha   | Colby College                           | Gamma Zeta    | University of Illinois              |
| Delta Omega   | Bowdoin College                         | Gamma Xi      | University of Chicago               |
| Delta Delta   | University of New<br>Hampshire          | Gamma Tau     | University of Wisconsin             |
| Delta Sigma   | Dartmouth College                       | Alpha Iota    | Muhlenburg College                  |
| Beta Zeta     | University of Vermont                   | Alpha Pi      | Washington and Jefferson<br>College |
| Alpha Omicron | St. Lawrence University                 | Alpha Rho     | Lehigh University                   |
| Beta Theta    | Cornell University                      | Alpha Upsilon | Gettysburg College                  |
| Delta Gamma   | Colgate University                      | Gamma Omega   | Penn. State College                 |
| Delta Mu      | Rensselaer Polytechnic<br>Institute     | Delta Pi      | Carnegie Institute of Tech.         |
| Alpha Delta   | University of North Carolina            | Tau           | University of Pennsylvania          |
| Xi            | Duke University                         | Gamma Eta     | University of Texas                 |
| Alpha Phi     | University of South Carolina            | Delta Epsilon | Southern Methodist<br>University    |
| Beta Xi       | College of Charlestown                  | Delta Kappa   | University of Oklahoma              |
| Alpha Nu      | Mount Union College                     | Beta Gamma    | Mass. Institute of<br>Technology    |
| Alpha Psi     | Wittenburg College                      | Gamma Beta    | Tufts College                       |
| Beta Eta      | Ohio Wesleyan                           | Gamma Sigma   | Worcester Polytechnic<br>Institute  |
| Beta Rho      | Marietta College                        | Gamma Delta   | Brown University                    |
| Beta Omega    | Ohio State University                   | Gamma Gamma   | Rose Polytechnic                    |
| Delta Lambda  | University of Cincinnati                | Gamma Omicron | Purdue University                   |
| Mu Iota       | University of Kentucky                  | Delta Alpha   | University of Indiana               |
| Alpha Tau     | Southwestern Presbyterian<br>University | Delta Rho     | De Pauw University                  |
| Beta Pi       | Vanderbilt University                   | Delta Theta   | Kansas State College                |
| Beta Tau      | Union University                        | Gamma Mu      | University of Kansas                |
| Omega         | University of The South                 | Gamma Theta   | University of Nebraska              |
| Pi            | University of Tennessee                 | Gamma Rho     | University of Missouri              |
| Delta Tau     | University of Idaho                     | Delta Zeta    | Washington University               |
| Delta Xi      | University of Montana                   | Beta          | Washington and Lee<br>University    |
| Alpha Sigma   | Oregon Agricultural College             | Delta         | University of Virginia              |
| Gamma Phi     | University of Oregon                    | Psi           | Johns Hopkins University            |
| Gamma Chi     | Washington State College                | Epsilon Gamma | University of Maryland              |
| Gamma Pi      | University of Washington                | Gamma Nu      | University of Minnesota             |
| Alpha Epsilon | Alabama Polytechnic<br>Institute        | Delta Nu      | University of North Dakota          |
| Beta Beta     | Birmingham Southern<br>College          | Epsilon Delta | North Dakota Agr. College           |

# THETA CHI

## CHAPTER ROLL

|               |                                         |
|---------------|-----------------------------------------|
| Alpha         | Norwich University                      |
| Beta          | Massachusetts Institute of Technology   |
| Gamma         | University of Maine                     |
| Delta         | Rensselaer Polytechnic Institute        |
| Epsilon       | Worcester Polytechnic Institute         |
| Zeta          | University of New Hampshire             |
| Eta           | Rhode Island State College              |
| Theta         | Massachusetts State College             |
| Iota          | Colgate University                      |
| Kappa         | University of Pennsylvania              |
| Lambda        | Cornell University                      |
| Mu            | University of California                |
| Nu            | Hampden-Sydney College                  |
| Xi            | University of Virginia                  |
| Omicron       | University of Richmond                  |
| Pi            | Dickinson College                       |
| Rho           | University of Illinois                  |
| Sigma         | Oregon State College                    |
| Tau           | University of Florida                   |
| Upsilon       | New York University                     |
| Phi           | North Dakota Agricultural College       |
| Chi           | Alabama Polytechnic Institute           |
| Psi           | University of Wisconsin                 |
| Omega         | Pennsylvania State College              |
| Alpha Beta    | University of Pittsburgh                |
| Alpha Gamma   | University of Michigan                  |
| Alpha Delta   | Purdue University                       |
| Alpha Epsilon | Leland Stanford Jr. University          |
| Alpha Zeta    | University of Rochester                 |
| Alpha Eta     | University of North Carolina            |
| Alpha Theta   | Dartmouth College                       |
| Alpha Iota    | Indiana University                      |
| Alpha Kappa   | West Virginia University                |
| Alpha Lambda  | Ohio State University                   |
| Alpha Mu      | Iowa State College                      |
| Alpha Nu      | Georgia School of Technology            |
| Alpha Xi      | University of Delaware                  |
| Alpha Omicron | State College of Washington             |
| Alpha Pi      | University of Minnesota                 |
| Alpha Rho     | University of Washington                |
| Alpha Sigma   | University Oregon                       |
| Alpha Tau     | Ohio University                         |
| Alpha Upsilon | University of Nebraska                  |
| Alpha Phi     | University of Alabama                   |
| Alpha Chi     | Syracuse University                     |
| Alpha Psi     | University of Maryland                  |
| Alpha Omega   | Lafayette College                       |
| Beta Alpha    | University of California at Los Angeles |
| Beta Gamma    | University of North Dakota              |
| Beta Delta    | Rutgers University                      |

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## THETA CHI

Founded at  
Norwich University  
April 10, 1856

Active Chapters—48

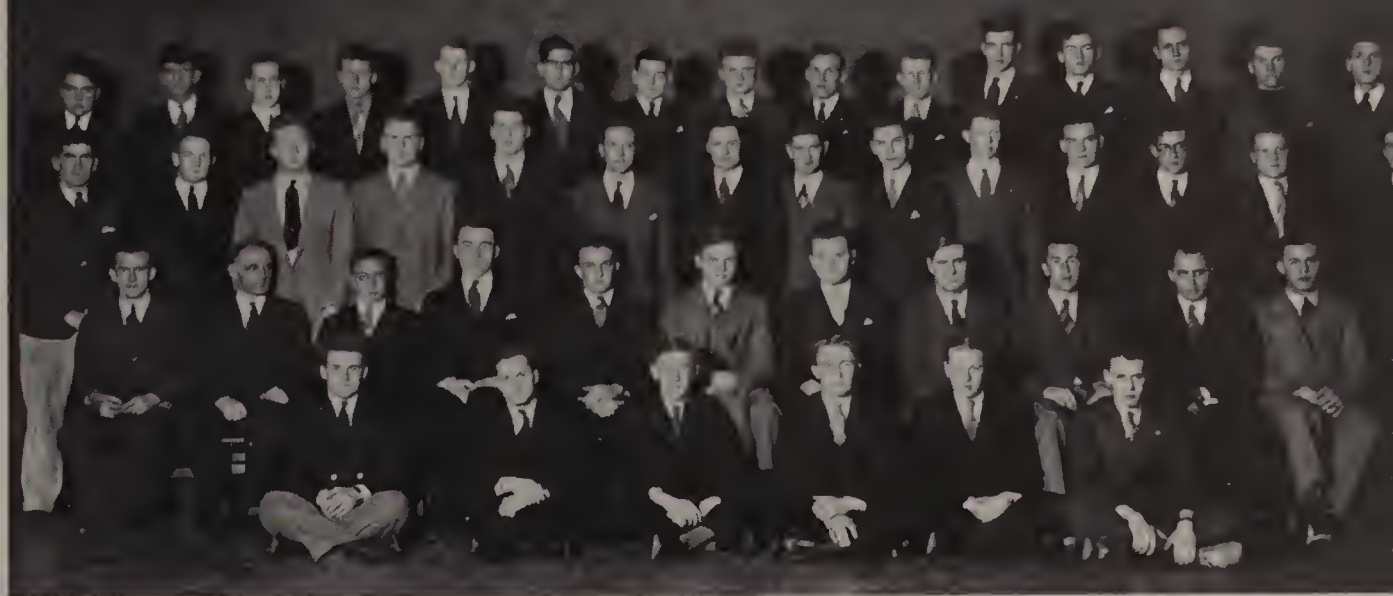
Epsilon Chapter  
Founded  
March 20, 1909

Total Membership—9,148

On October 12, 1905, nine undergraduate members of the Worcester Polytechnic Institute formed a society which they called Pi Omega Pi. This fraternity began as an athletic society and one of the restrictions for membership was that a candidate must have received a varsity letter in one of the recognized sports at Tech. As this restriction was later found too severe the aims were broadened to include "primarily to foster clean athletics at Worcester Polytechnic Institute."

Pi Omega Pi petitioned Theta Chi Fraternity in 1909 and was accepted, the installation taking place on March 20, 1909. The first home of Epsilon chapter was at 1 Lancaster Terrace. Here the chapter lived and held meetings until 1917 when the large duplex house at the corner of Dean and Salisbury Streets was taken over.

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## FACULTY

Dr. Richard A. Beth  
Prof Carl Meyer  
Dr. Samuel J. Plimpton

Prof. Carlton A. Reed  
Mr. Arthur M. Tarbox

## GRADUATE STUDENTS

Ethan D. Bassett

Wesley B. Reed

1934

Leonard B. Almy  
Gordon E. Barnes  
William E. Burpee  
George Kalista

Edmund F. Rothemich  
James V. Rowley  
Warren S. Snow

1935

Charles U. Bissell  
Karl H. Bohaker  
Richard S. Falvey  
Willard P. Greenwood  
Allan H. Hardy  
Francis L. Harrington

George A. Makela  
Theodore D. McKinley  
Gordon S. Swift  
Robert B. Taylor  
Russell H. Wood  
Plummer Wiley

1936

Edward W. Armstrong  
John J. Balasevitch  
Walter F. Beth  
Irving H. Bottcher  
John R. Casler, Jr.  
George U. Dautrich  
Paul M. Downey  
George B. Estes  
Robert Fowler, Jr.

Harold F. Hendrickson  
Robert H. Hood  
Scott K. Goodwin  
Ernst P. L. Krippendorf  
Harry F. McRell  
John A. Richardson  
Joseph A. Stead  
Frederick S. White

1937

L. Kimball Barber  
Paul R. Glazier  
Herbert G. Gustafson  
Wesley P. Holbrook  
Harris W. Howland  
David R. La Field  
Carl E. Larson, Jr.

Roland W. McMurphy  
James F. Moore  
Glenn A. Noble  
Sydney F. Perkins  
Richard Prokop  
Edwin L. Rush, Jr.

## HOUSE PRIVILEGES

Victor Siegfried

## LAMBDA CHI ALPHA

Founded at  
Boston University  
November 2, 1909

Pi Zeta Chapter  
Founded  
June 15, 1913

Active Chapters—83

Total Membership—14,000

Pi Zeta of Lambda Chi Alpha was started as a local fraternity, Zeta Sigma Tau on December 5, 1912, by a group of juniors in the class of 1914. The new local fraternity decided to petition Lambda Chi Alpha and on June 5, 1913, was granted a charter. The influence of the national fraternity began at once to manifest itself on the new chapter and its development was steady and permanent. The first chapter was located on Fruit Street but in 1916 the present house on 30 Trowbridge was purchased and has been occupied by the chapter since that time.

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## FACULTY

Prof. Carl D. Knight  
Mr. William W. Locke  
Prof. Harold A. Maxfield

Dr. Raymond K. Morley  
Mr. Charles L. Wright

1934

B. H. Colby  
R. P. Hook  
R. D. Hunter (Pledge)  
R. W. Fulton  
F. R. McLaren

W. E. Mesh  
J. H. Ray  
E. L. Smith, Jr.  
H. E. Stockwell

1935

B. G. Larson  
T. M. Cole  
O. P. Lee  
D. G. MacMillan  
V. R. Olsen

K. C. Smith  
D. L. Watkins  
R. L. Stone  
T. T. Clark  
P. S. Dean

1936

W. G. Dahlstrom  
(Pledge)  
D. L. Edmunds  
G. W. Fuller  
J. R. Hastings, Jr.  
J. A. Lane (Pledge)  
G. W. Huntley  
F. E. Hyatt, Jr.

D. M. Morley  
A. D. Tripp, Jr.  
A. D. Wilcox  
H. S. Burr  
H. N. Cox, Jr.  
B. H. Simons  
W. S. Proctor (Pledge)

1937

R. K. Linsley  
R. J. Lyman  
D. K. Merrill  
W. G. Richards  
R. I. Gray  
C. P. Pierce  
J. Higginson  
P. J. Stone

M. B. Whitcomb  
(Pledge)  
S. M. Roop (Pledge)  
R. E. M. Randall  
(Pledge)  
J. E. Porton (Pledge)  
D. C. Felt (Pledge)

## PHI SIGMA KAPPA

Founded at  
Mass. Agricultural College  
March 15, 1873

Active Chapters—50

Epsilon Deuteron Chapter  
Founded  
June 3, 1915

Total Membership—9,193

In 1902, eight men of the Institute banded themselves together into the local Fraternity of Theta Chi. Their ideals were high and their purpose serious. The name remained unchanged until 1909 when the national fraternity of Theta Chi came to the Institute. To avoid confusion, the name was changed to Kappa Xi Alpha. In 1912, the fraternity was incorporated as the Kappa Xi Alpha Fraternity and our alumni exists today as such. All Epsilon Deuteron men automatically become members of the corporation upon their initiation into Phi Sigma Kappa. Finally it was decided to petition Phi Sigma Kappa for a charter, and on June 8, 1915, seventy-four members of the active chapter and alumni were inducted into Phi Sigma Kappa.



## FACULTY

Prof. Francis W. Roys  
Dr. A. Wilmer Duff

Mr. Edward C. Milde  
Mr. Donald G. Downing

Graduate Student—Thomas E. Decker

1934

Henry C. Ashley  
Vincent F. Buell  
Richard L. Goodwin

Theodore F. Hammett  
Sumner A. Norton  
George V. Sargent

1935

Julius L. Gould  
George F. Hodgkinson  
Frank O. Holmes  
Joseph A. Johnson  
H. Victor Leckie  
Charles M. McElroy  
William E. McKay

Roland L. Nims  
Charles C. Puffer  
Robert L. Richmond  
Charles S. Smith  
Eric W. Soderberg  
William E. Wyman

1936

Carleton W. Borden  
John R. Brand  
George E. Brooks  
Allen C. Chase  
Alfred C. Ekberg  
Herbert J. Erickson

Leonard W. Johnson  
William C. Maine  
William Miseveth  
Harold N. Pierson  
Vincent O. Stromberg

1937

William E. Carew  
Jarl A. Carlson  
Chauncey D. Chadwick  
John H. Chapman  
Roland O. Farrar  
Herbert W. Grundstrom  
Raymond B. Jordan

Thomas W. McKnight  
Charles R. Michel  
Thomas E. O'Neil  
Robert S. Rich  
Harold R. Townsley  
Tom Walters  
William W. Worthley

# PHI SIGMA KAPPA

## CHAPTER ROLL

|                  |                                       |
|------------------|---------------------------------------|
| Alpha            | Massachusetts State College           |
| Beta             | Union College                         |
| Gamma            | Cornell University                    |
| Delta            | West Virginia University              |
| Zeta             | College of the City of New York       |
| Eta              | University of Maryland                |
| Iota             | Stevens Institute of Technology       |
| Kappa            | Pennsylvania State College            |
| Lambda           | George Washington University          |
| Mu               | University of Pennsylvania            |
| Nu               | Lehigh University                     |
| Xi               | St. Lawrence University               |
| Omicron          | Massachusetts Institute of Technology |
| Pi               | Franklin and Marshall College         |
| Sigma            | St. John's College                    |
| Tau              | Dartmouth College                     |
| Upsilon          | Brown University                      |
| Phi              | Swarthmore College                    |
| Chi              | Williams College                      |
| Psi              | University of Virginia                |
| Omega            | University of California              |
| Alpha Deuteron   | University of Illinois                |
| Beta Deuteron    | University of Minnesota               |
| Gamma Deuteron   | Iowa State College                    |
| Delta Deuteron   | University of Michigan                |
| Epsilon Deuteron | Worcester Polytechnic Institute       |
| Eta Deuteron     | University of Nevada                  |
| Theta Deuteron   | Oregon State College                  |
| Iota Deuteron    | Kansas State College                  |
| Kappa Deuteron   | Georgia School of Technology          |
| Lambda Deuteron  | University of Washington              |
| Mu Deuteron      | University of Montana                 |
| Nu Deuteron      | Stanford University                   |
| Xi Deuteron      | University of Tennessee               |
| Omicron Deuteron | University of Alabama                 |
| Pi Deuteron      | Ohio State University                 |
| Rho Deuteron     | Gettysburg College                    |
| Sigma Deuteron   | University of Nebraska                |
| Tau Deuteron     | Carnegie Institute of Technology      |
| Upsilon Deuteron | University of North Carolina          |
| Phi Deuteron     | University of Kentucky                |
| Chi Deuteron     | Washington State College              |
| Psi Deuteron     | University of Oregon                  |
| Omega Deuteron   | University of Southern California     |
| Alpha Triton     | Wesleyan University                   |
| Beta Triton      | Knox College                          |
| Gamma Triton     | University of South Carolina          |
| Delta Triton     | Purdue University                     |

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## INTERFRATERNITY SPORTS COMMITTEE

|                          |                   |
|--------------------------|-------------------|
| Alpha Tau Omega.....     | T. F. McNulty     |
| Lambda Chi Alpha.....    | R. L. Stone       |
| Phi Gamma Delta.....     | G. S. Cruickshank |
| Phi Sigma Kappa.....     | V. F. Buell       |
| Sigma Alpha Epsilon..... | J. R. Driscoll    |
| Sigma Omega Psi.....     | R. S. Grand       |
| Theta Chi.....           | P. Wiley          |
| Theta Upsilon Omega..... | E. K. Gladding    |
| The Friars.....          | W. M. Stanton     |

The intermural sports play an important part in the extra-curricular activities at Tech. Each year, cups, donated by the Tech Book Store, are awarded to the winners of the various sport contests. In addition to these cups for the individual sport winners there is a large loving cup, pictured above, which is given to the fraternity having the largest number of points in all-round athletics.

### CUP WINNERS TO DATE

(As of April 20, 1934)

|                 |                  |
|-----------------|------------------|
| Tennis.....     | Phi Sigma Kappa  |
| Relay.....      | Phi Gamma Delta  |
| Basketball..... | Theta Chi        |
| Squash.....     | Lambda Chi Alpha |
| Swimming.....   | Phi Gamma Delta  |
| Bowling.....    | Lambda Chi Alpha |
| Track.....      | Phi Gamma Delta  |

## THETA UPSILON OMEGA

Founded by  
Amalgamation of Ten Chapters  
May 2, 1924

Active Chapters—16

Beta Alpha Chapter  
Founded  
May 2, 1924

Total Membership, June 1, 1929  
—1,567

Theta Upsilon Omega is the youngest national fraternity at Tech, as it did not become national until 1924, when ten local fraternities at different colleges in various parts of the country amalgamated to form the present Theta Upsilon Omega fraternity. Since then there have been six additional chapters in different parts of the country joined to the national organizations.

The Tech chapter, Beta Alpha, was founded as Delta Tau, February 17, 1906, by nine men, headed by W. T. Roberts, '08. Since then the fraternity has had three homes, until 1911 at 66 Park Avenue, at 143 Highland Street until 1919, when the present quarters at 30 Institute Road were purchased.



### FACULTY

Prof. Jerome W. Howe  
Dr. Gleason H. Mac-  
Cullough

Prof. Arthur J. Knight  
Mr. Ellis R. Spaulding  
Prof. Kenneth G. Merriam

### GRADUATE STUDENTS

Frank L. Eaton  
Frederick M. Potter

Walter W. Tuthill  
Bernard C. Shaw

1934

Warren R. Burns  
Curtis A. Hedler  
Herbert W. Daniels, Jr.  
Merton S. Williams

Charles S. Frary, Jr.  
Ernest M. Crowell  
(Pledge)

1935

Carl G. Bergstrom  
Willy M. Hebel  
Murray Robinson  
Edwin T. Clinton  
(Pledge)  
Walter A. Blau, Jr.  
Leonard G. Humphrey, Jr.

Chester A. Spencer  
Floyd L. Hibbard  
(Pledge)  
Herbert F. Gale  
Richard P. Merriam  
Robert M. Cape (Pledge)  
Evan C. Luce (Pledge)

1936

Harry T. Anderson, Jr.  
John A. Crane  
J. Edward Guild  
Clinton E. Leech  
Lincoln D. Robbins, Jr.  
Gordon C. Edwards  
(Pledge)  
Robert M. Bruce  
Thomas C. Frary  
Albert H. Gurnham  
Reginald A. Morrill

Harry C. Gray (Pledge)  
Frank K. Jones (Pledge)  
Michael C. Rallis  
(Pledge)  
Frederick F. Cole  
Edward K. Gladding  
Richard S. Howes  
Raymond W. Schuh  
Harold C. Whitman  
Gilbert B. Smith  
(Pledge)

1937

Julian R. Buck  
Harold I. Johnson, Jr.  
G. Randolph Creswell  
(Pledge)  
Perry P. Clarke  
Carl S. Otto

Chapin C. Cutler  
(Pledge)  
Henry C. Dearborn  
William F. Ham (Pledge)  
Basil C. Kimball  
(Pledge)

# THE FRIARS

Founded at the  
Worcester Polytechnic Institute  
November, 1930

The Friars were founded in the fall of 1930 by a group of ten men headed by James B. Rafter, Stephen D. Donahue, Leonard G. Dunn, and Charles F. Griffin. The fraternity was accepted in the intra-mural sports the following year. Quarters were at first secured at 76 West Street, but these were soon outgrown and a house located at 5 Lancaster Terrace was acquired. Last fall, again pressed for accommodations because of increasing membership, a new house at 20 Schussler Road was obtained.



1934

Edward L. Barrett  
Harold F. Greeney

Joseph E. Flanagan, Jr.  
H. Raymond Sjostedt

1935

Edward F. Cronin  
Frank H. Madigan  
Raymond O. Granger  
(Pledge)  
Raymond G. DesRochers  
Albert E. Moran

Raymond Quenneville  
(Pledge)  
L. Thomas Jodaitis  
Humphrey J. Wrin  
John J. Molloy  
(Pledge)

1936

Runald V. DeFoe  
Edward V. Montville  
Martin C. Gowdey

Robert A. Langer  
William M. Stanton

1937

Henry C. Mieczkowski  
Pledges

Francis S. Harvey  
John F. McGinnis  
Charles W. Poliwczak  
Daniel J. Hastings, Jr.

George J. Maguire  
Lawrence F. Merow  
Arthur P. Moosa  
Thomas M. Nolan

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## SIGMA OMEGA PSI

1934

Robert S. Grand  
Harold Narcus

Louis Press

1935

Irving Skeist  
Louis D. Soloway  
Samuel D. Ehrlich

Joseph Glasser  
Nathan Shuman

1936

Nathan R. Levine  
Frank Cutler  
Jacob A. Sachs

Alexander Gordon  
Louis Sadick

1937

Sidney D. Alpert  
Moses G. Cohen  
Samuel S. Naistat  
Arthur J. Schumer

Morton S. Fine  
Samuel W. Mencow  
Harry Press  
George R. Yanofsky



## KAPPA PI SIGMA

Founded at  
Cleveland, 1925

Worcester Gamma  
Established 1930

Established in 1928, the local fraternity, Zeta Sigma Pi, was organized for the purpose of forming closer bonds of friendship among the Polish students at Worcester Tech. The Polish students at Tech felt that they could increase the number of young Polish men attending colleges if they took an organized part in explaining the opportunities available to them, and their efforts have been rewarded by the large increase in Polish men in the entering class at W.P.I.

In 1930 Zeta Sigma Pi became a chapter of the national fraternity of Kappa Pi Sigma.

1934

Walter J. Kowal  
Roman J. Koziol

Anthony C. Kowalski

1935

Bronislaw M. Gruzdis  
Norbert J. Lusezynski  
William J. Samborsky

Charles E. Sliva  
Stanley J. Sleczkowski  
(Pledge)



STAFFORD, KEENAN, DANN, McKINLEY  
BARRETT, KALISTA, WHITCOMB, SELLEW, BARNARD

## TAU BETA PI

### NATIONAL ENGINEERING SOCIETY

*Member with Distinction*

President Ralph Earle

#### FACULTY

Prof. Francis J. Adams  
Prof. Charles M. Allen  
Prof. Frederick R. Butler  
Prof. Harold W. Dows  
Mr. Stanley H. Fillion  
Prof. Arthur W. French  
Mr. Clyde W. Hubbard  
Prof. Carl D. Knight

Prof. Harold A. Maxfield  
Prof. Carl F. Meyer  
Prof. Hobart H. Newell  
Prof. Albert S. Richey  
Mr. A. Francis Townsend  
Mr. Bernard L. Wellman  
Mr. Charles L. Wright

Prof. Gleason H. MacCullough

#### 1933—ACTIVE CHAPTER—1934

Gordon P. Whitcomb, *President*

George Kalista, *Vice President*

George A. Stevens, *Recording Secretary*

Everett F. Sellw, *Corresponding Sec'y*

#### MEMBERS

Philip W. Stafford, '34  
Edward L. Barrett, '34  
John H. Keenan, '34  
Paul S. Grierson, '34

Theodore D. McKinley, '35  
Curtis M. Dann, '35  
Plummer Wiley, '35  
William E. McKay, '35

Paul R. Shepler, '35

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# SIGMA XI

## NATIONAL HONORARY FRATERNITY

Founded at Cornell University 1886

W.P.I. Chapter Founded 1908

### MEMBERS

Prof. C. J. Adams  
Prof. C. M. Allen  
Dr. R. A. Beth  
Dr. F. R. Butler  
Dr. D. F. Calhane  
Prof. H. W. Dows  
Dr. A. W. Duff  
Pres. Ralph Earle  
Dr. A. W. Ewell  
Prof. H. P. Fairfield  
Mr. H. B. Feldman  
Mr. S. H. Fillion  
Prof. A. W. French  
Prof. H. J. Gay  
Mr. W. E. Hanson  
Dr. G. H. Haynes  
Mr. L. J. Hooper  
Prof. J. W. Howe  
Mr. C. W. Hubbard  
Dr. W. L. Jennings  
Prof. A. J. Knight  
Prof. C. D. Knight  
Mr. W. E. Lawton

Prof. G. H. MacCullough  
Dr. Morton Masius  
Prof. H. A. Maxfield  
Prof. K. G. Merriam  
Prof. C. F. Meyer  
Prof. T. H. Morgan  
Dr. R. K. Morley  
Prof. H. H. Newell  
Mr. J. M. Petrie  
Prof. W. L. Phimney  
Dr. C. A. Pierce  
Dr. S. J. Plimpton  
Mr. M. L. Price  
Mr. L. W. Rawson  
Prof. C. A. Read  
Prof. Harris Rice  
Prof. A. S. Richey  
Prof. F. W. Roys  
Prof. A. L. Smith  
Dr. M. E. Smith  
Mr. E. R. Spaulding  
Mr. A. M. Tarbox  
Prof. H. F. Taylor

Mr. A. F. Townsend

### ASSOCIATE MEMBERS

Mr. R. D. Barnard  
Mr. E. D. Bassett  
Mr. B. H. Colby  
Mr. R. B. Crawford  
Mr. F. L. Eaton, Jr.  
Mr. C. E. Hunt, Jr.  
Mr. J. H. Keenan

Mr. E. C. Milde  
Mr. F. M. Potter  
Mr. E. F. Sellew  
Mr. W. W. Tuthill  
Mr. G. P. Whitcomb  
Mr. A. S. White  
Mr. G. R. Whittum

# ACTIVITIES



W P I

DOORWAY  
SALISBURY LABORATORY



FRARY, WHITCOMB, WHITTUM, BARNARD, McKAY, WARWICK, CRONIN  
LEECH, BURPEE, BERRELL, SELLEW, MALONEY, ROTHMICH, WYMAN

## TECH COUNCIL

Everett F. Sellew.....*President*  
Professor Harris Rice.....*Secretary*

### FACULTY

President Ralph Earle  
Professor C. D. Knight  
Dr. Richard Beth  
Professor Harris Rice

1934

|               |                 |
|---------------|-----------------|
| R. D. Barnard | E. F. Rothemich |
| W. E. Burpee  | E. F. Sellew    |
| P. H. Hadley  | G. A. Stevens   |
| C. S. Frary   | M. L. Warwick   |
| J. S. Maloney | G. P. Whitcomb  |
| E. R. Markert | H. A. Whittum   |

E. H. Osborne

1935

|                |               |
|----------------|---------------|
| E. F. Cronin   | M. K. Smith   |
| L. G. Humphrey | J. J. Tasillo |
| W. E. McKay    | W. E. Wyman   |

1936

|              |               |
|--------------|---------------|
| G. C. Chase  | J. T. McGrath |
| J. W. Phelps |               |

1937

|                |               |
|----------------|---------------|
| R. P. Denning  | H. I. Johnson |
| D. W. Woodward |               |

## THE TECH COUNCIL

One of the most important organizations on the Hill is the Tech Council composed of leading students, two faculty members, and the President of the Institute. The Council acts as an advisory board on student matters, policies of the Institute, and plans for general improvements of Tech.

The Council is very active in bringing new ideas to Tech, especially in the undergraduate life. Several activities are held under the supervision of the Council, notably the Tech Banquet and "At Home" Day. This year's "At Home" Day was a great success and through the efforts of the Council, visitors were attracted from all New England, New York, and New Jersey.

The traditional rivalries between the Sophomores and the Freshmen, such as the Paddle Rush and the Rope Pull, are staged by the Council. It also awards the Goat's Head to the lower class having the greater number of points in the interclass contests. To the men who are graduating and who have distinguished themselves in major sports, the Tech Council awards athletic charms.

Some of the various duties of the Council are appointing the leaders for the Fuller Lectures at which outstanding speakers address the student body, running Saturday night Dorm dances, and keeping accounts of student activities.

The Tech Council is indeed one of the most important functions of the Institute, and by its whole-hearted efforts it has had much success in bringing about a fine understanding between the Faculty and the undergraduate body.



NIMS, LINCOLN, SMITH, BUSHELL, PROKOP, MORRISON, BENJAMIN, CROWLEY, WARWICK  
CHASE, BERRELL, McELROY, POWELL, OSBORNE, HAMMETT, SHERBURNE, PARTA

# PEDDLER

## THE STAFF

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Theodore F. Hammett.....*Managing Editor*  
J. Russell Smith.....*Art Editor*  
Charles W. McElroy.....*Sports Editor*  
Warren M. Berrell.....*Feature Editor*  
Phillip C. Sherburne.....*Photographic Editor*  
Wendell D. Jewell.....*Asst. Photo. Editor*  
Mr. Albert J. Schwieger.....*Faculty Advisor*

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Homer R. Morrison

Wallace R. Powell, *Business Manager*

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Francis J. Crowley, *Subscription Manager*

### *Junior Business Assistants*

Karl H. Bohaker                      Charles S. Smith                      William E. Wyman  
William E. McKay                      Joseph R. Sigda

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## THE PEDDLER

THE PEDDLER is the annual publication of the Worcester Polytechnic Institute and contains a pictorial and descriptive history of the current school year. Originally this publication was known as the *Aftermath*, but in 1927 the more significant name THE PEDDLER, was adopted. The name commemorates one of the founders of the Institute, John Boynton, who made possible the establishment of Tech through his generous gifts of money. Boynton is said to have amassed a considerable fortune as a peddler of tinware and kitchen utensils. It is this peddler after whom our publication is named.

This year THE PEDDLER staff has spent a good deal of time in changing the method of circulation of the book. In previous years THE PEDDLER was sponsored primarily by the senior class alone. This arrangement entailed considerable expense to the seniors, and a new scheme was devised to distribute the burden more evenly over the total school body. This season the book was offered to the entire student body at a greatly reduced price, with the hope that the students would take advantage of this new opportunity to collect a complete set of PEDDLERS containing a history of their entire college career. The support given to this plan was considerable, but not to as great an extent as was hoped for. It is for this reason that some of the expenditures of the book were necessarily curtailed.

The usual campus view section has been combined with the separate division pages, and some of the pictures have been reduced in size to reduce expenses. There has been no attempt on the part of the Staff to produce elaborate art work, but rather simplicity of style was sought for in laying out the various pages.

The Staff feels that in future years it would be advisable to omit the senior write-ups, as it is exceptionally difficult to get the coöperation of the entire class in this connection. Admittedly this section is one of the most interesting in the book, but from experience it has been found that usually the Staff is compelled to write a good portion of this section, and it is impossible for such a small group to do justice to every senior. It is also the general opinion of the Staff that there should be renewed attempts in following years to have THE PEDDLER assessment placed in the blanket tax. Much progress has been made this year, and this objective should be obtained in the near future.

The Staff wishes to thank the various organizations on the Hill for their coöperation in putting out THE PEDDLER. It is encouraging in our work to find that others are willing to help in our task, for without such help the task of editing THE PEDDLER would become a huge undertaking.

THE EDITORS.



SMITH, LINCOLN, DANN, MERRIAM  
LINELL, HUMPHREY, BARNARD, BERRELL, BURNS, MORRISON

## TECH NEWS

### STAFF

#### *Editor-in-Chief*

Warren M. Berrell, '34

#### *News Editor*

Warren R. Burns, '34

#### *Feature Editor*

Paul G. Guernsey, '34

#### *Secretary*

James V. Rowley, '34

#### *Junior Editors*

C. M. Dann, '35

C. G. Lincoln, '35

C. S. Smith '35

H. R. Morrison, '35

L. G. Humphrey, Jr., '35

K. A. Linell, '35

#### *Business Manager*

Richard D. Barnard, '34

#### *Business Assistants*

R. P. Merriam, '35

V. H. Leckie, '35

#### *Reporters*

R. A. Langer, '36

R. A. Morrill, '36

H. Q. Pierson, '36

G. Sherwin, '36

A. D. Wilcox, '36

C. E. Leech, '36

H. Cowdy, '36

A. Shepardson, '36

A. Gordon, '36

J. H. Thompson '36

H. T. Anderson, '36

K. Eastman, '36

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## TECH NEWS

Every college, large or small, must have its daily or weekly paper to dispense the news to its students and to its alumni. This need is met at Tech by the *Tech News* at the present time. In the good old days of the Institute the students looked to the *W.P.I.* for the news of the week, and, incidentally, to find out which cigarettes were kindest to the throat. However, after several years the publication died a natural death. For several years the *Journal* tried to take its place, but was more of an alumni magazine than a college paper. In 1910 the *Tech News* took part of the burden on its shoulders, and has been published weekly for the past 24 years.

During this 24 years the staff has been constantly striving to improve the *News* so as to make it more interesting both to the students and to the alumni who receive it. In the past year several features have been added which have received favorable comment. First among these is the Campus-Lowdown column, which began at the O-Tesh column. This column was begun by a former member of the staff and was continued by the staff. Containing many interesting remarks on various goings-on at Tech, it was to this column that everyone turned as soon as he picked up the *News*. Another feature of the *News* last year was the Taylor's Bench, consisting of little-known facts about the Institute. This was contributed by Professor Taylor and proved to be one of the most interesting parts of the paper.

The main objective of the *News*, of course is to provide a means of information for the student as well as for the alumni. During the past year the staff was much criticized for the great amount of advertising in several issues. As everyone knows we are, and have been, in a depression, and the advertising had to be taken as it came or not at all. It is never good policy to look a gift horse in the mouth. However, a staff of reporters was always on the job, covering all important events, so that no news was left out when there was any.

The second objective of the *Tech News* staff during the past year has been to train new men to carry on in the footsteps of the old. This may not seem very important on the surface, but it is necessary that all the tips learned from experience be passed on to the newcomers if the college is to have a publication which can hold up its head in the company of other college papers. Such has always been the goal of the staff—to create a publication which will prove of interest to all concerned and which will be on a par with the publications of any college of equal size.



GORDON, BURPEE, JOHNSON, OSBORNE, ASHEY, ANGEVINE, ERICKSON, HAYDEN, HUNT-  
 LEY, BENJAMIN, BERRELL, OSBORN, O'DONNELL, MICHAELEK, BRUCE, JONES, THOLL  
 POWELL, MALONEY, MISS WHITTEMORE, CROWLEY, SWIFT, PRICE, SHERBURNE, GREEN-  
 WOOD, WYMAN, HARMON, CLARK

# THE MASQUE

- John S. Maloney.....*President*
- Francis J. Crowley.....*Vice-President*
- F. Kenwood Jones.....*Secretary*
- Gordon S. Swift.....*Treasurer*
- Wallace R. Powell.....*General Manager*
- John E. Tholl.....*Business Manager*
- S. Lincoln Price.....*Stage Manager*
- Karl H. Bohaker.....*Publicity Manager*
- Mr. Donald G. Downing.....*Faculty Advisor*

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## THE MASQUE

In 1892 the students of Worcester Tech decided to branch out into dramatics and hence the dramatic association was formed. The name of this association was the Masque and this is the name by which this society is known at the present time.

Since 1892 to the present date the Masque has presented one play each year, except for two years in the early days of this organization when the productions were impossible. However, in the last ten or fifteen years a play has been given in the spring usually falling on Junior Week-End and thereby rounding off the week-end of week-ends.

The play presented this year is named "The Front Page". This production was one of the star productions in motion pictures last spring and the organization was highly fortunate in obtaining it as well as getting a most capable coach to supervise the rehearsals.

Every line of this play glows with a demoniacal humor, sordid, insolent and mischievous to the point of downright perversity, in which one instantly recognizes the heroic comic spirit of its authors, Ben Hecht and Charles MacArthur, who were themselves newspaper men and are thereby qualified to write this sort of play.

In the age when the theatre seems imprisoned in a vise of literal and superficial realism, a paradise for the journeymen, and in a day when the successful portrayal of a newspaper reporter is accomplished by attaching to the person of the actor a hip-flask and copy of the *American Mercury*, it is soothing and reassuring to stumble on a stage reporter who begins an interview in this innocent fashion: "Is it true, Madame, that you were the victim of a Peeping Tom?"

Hence, the Masque carries on this year to make the organization sounder financially and to perpetuate its existence.



BERRELL, McELROY, SCHUH, HUNTLEY, TASILLO  
BARNARD, LeDUC, BURPEE, MALONEY, SWAN

## W. P. I. STUDENT CHRISTIAN ASSOCIATION

|                      |                                                |
|----------------------|------------------------------------------------|
| William Burpee.....  | <i>President</i>                               |
| Harold LeDuc .....   | <i>Vice-President</i>                          |
| John S. Maloney..... | <i>Treasurer</i>                               |
| Richard Barnard..... | <i>Recording Secretary</i>                     |
| Harold LeDuc.....    | <i>Chairman Religious Committee</i>            |
| Warren Berrell.....  | <i>Chairman Social Committee</i>               |
| William Hannah.....  | <i>Chairman Campus Service</i>                 |
| Raymond Schuh.....   | <i>Chairman Community Service</i>              |
| James Tasillo.....   | <i>Chairman of New Students and Membership</i> |
| Paul R. Swan.....    | <i>Executive Secretary</i>                     |

## THE W. P. I. S. C. A.

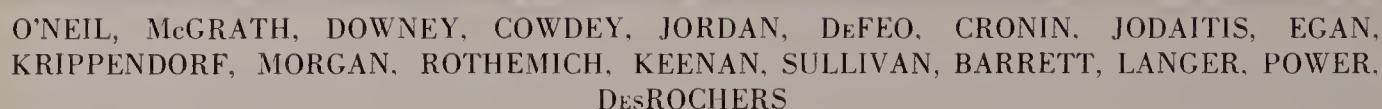
The W. P. I. S. C. A., formerly known as the W. P. I. Y. M. C. A., is the oldest student organization in the college, having been founded soon after the opening of the Institute in 1868. Besides being a great aid to incoming freshmen, it has another purpose and that is to develop a true Christian spirit of friendship and helpfulness, as well as a religious spirit among the college men.

This year, as in others, freshmen were broken in to Tech life by the S. C. A. The second-hand book store was a great aid to freshmen, who became better acquainted with the Institute and their classmates through the Tech Bible, student organization meetings, and the annual Freshman Reception, all functions of the Tech S. C. A.

One of the most beneficial functions of the S. C. A. is the maintenance of a complete library of current periodical literature in the dormitory. The S. C. A. also maintains pool and ping-pong tables for those interested in these games.

This year the Tech Carnival was conducted very successfully. The sophomores won the Carnival Cup only after a close race with the freshmen for the best side shows. Attractive Fraternity booths also showed much spirit in the competition for a silver cup.

The success of the S. C. A. is evidenced by the whole-hearted coöperation of the student-body and the PEDDLER Staff wishes this important organization much success in its fine and noble work.



Paul J. Sullivan.....*President*  
Edward F. Cronin.....*Vice-President*  
Theodore R. Latour.....*Secretary*  
Robert A. Langer.....*Assistant Secretary*  
Albert E. Moran.....*Treasurer*  
Raymond G. DesRochers.....*Music Director*

Edward L. Barrett  
John H. Keenan  
Edmund F. Rothemich

Richard S. Falvey                      James J. Tasillo  
Joseph A. Sukaskas

Ronald V. DeFeo                      Richard W. Keenan  
Paul M. Downey

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ROTHEMICH, BARRETT, FRARY, SARGENT  
KEENAN, WHITCOMB, BARNARD, WARWICK, BOOTH

## COMMENCEMENT COMMITTEE

### *Senior Prom Committee*

G. P. Whitcomb, Ch.  
D. W. Dwinell  
J. F. Hammett

H. A. Whittum

### *Class Gift Committee*

E. F. Rothemich, Ch.  
P. S. Grierson  
E. L. Barrett

### *Senior Banquet Committee*

P. W. Booth, Ch.  
R. L. Goodwin  
P. C. Sherburne

### *Baccalaureate Committee*

G. V. Sargent, Ch.  
G. A. Stevens  
W. E. Burpee

### *Class Day Committee*

M. L. Warwick, Ch.  
W. R. Burns  
L. R. Laroche

### *Invitations Committee*

C. S. Frary, Ch.  
H. C. Ashley  
R. P. Hook

### *Cap and Gown Committee*

J. H. Keenan, Ch.



ROUSE, MARKERT, SWIFT  
FRARY, GREENE, FITZGERALD

## MUSICAL ASSOCIATION

|                           |                                      |
|---------------------------|--------------------------------------|
| Clifford F. Green.....    | <i>Director</i>                      |
| Charles Frary.....        | <i>President</i>                     |
| Gordon Swift.....         | <i>Vice-President</i>                |
| Wesley F. Rouse.....      | <i>Secretary</i>                     |
| J. Edward Fitzgerald..... | <i>Faculty Manager and Treasurer</i> |

### GLEE CLUB

#### *First Tenors*

|               |                |
|---------------|----------------|
| C. S. Frary   | D. C. Felt     |
| H. F. Greeney | W. P. Holbrook |
| C. C. Misener | W. W. Worthley |
| G. L. Chase   | R. H. Hood     |
| G. S. Swift   | G. A. Noble    |

#### *Second Tenors*

|                |               |
|----------------|---------------|
| E. R. Markert  | A. D. Tripp   |
| P. Wiley       | H. C. Whitman |
| G. U. Dautrich | C. F. Benson  |

#### *First Bases*

|                 |               |
|-----------------|---------------|
| E. L. Barrett   | J. H. Chapman |
| W. F. Rouse     | G. Fuller     |
| G. D. Greenwood | R. J. Lyman   |
| W. H. Holt      | R. C. Hudson  |
| H. F. McRell    | D. K. Merrill |
| J. H. Thompson  | H. N. Cox     |
|                 | P. S. Dean    |

#### *Second Bases*

|                 |                 |
|-----------------|-----------------|
| A. E. Wheeler   | W. B. Eklund    |
| W. B. Reed      | Y. A. Nordstrom |
| W. P. Mitnik    | J. A. Porter    |
| W. A. Michalek  | M. Robinson     |
| J. B. Campbell  | R. W. Schuh     |
| W. P. Greenwood | G. P. Wood      |
| R. H. Wood      | S. F. Perkins   |
|                 | A. H. Powell    |



## THE MUSICAL SEASON OF 1933-1934

The Musical Association is deserving of high praise for the results of the season which has just closed. More than ever before this organization has served as a fine advertisement for Tech by means of combined concerts with other colleges and has brought some really fine music to the public ear. The faculty adviser to this society, Mr. John E. Fitzgerald, is worthy of much credit for his untiring efforts to bring this organization the success which it now enjoys.

The Glee Club has spent much time in preparation for the four combined concerts with other schools. The first of these was in connection with the Salem State Teachers College in Salem. This concert met with much approval in Salem and the evening's entertainment was rounded off by a dance, the music for which was furnished by The Tech Boyntonians. On April 10th, the Worcester State Teachers College were hostesses to the Tech Glee Club and Orchestra at their auditorium and in spite of the inclement weather, Worcester people showed their interest in good music by supporting this affair to surprising extent. The Salem school reciprocated on April 20th, by appearing in a combined concert held in Worcester. This concert was also well attended and dancing was enjoyed after the concert. The final combined concert of the season was an engagement with the Framingham State Teachers College at Framingham. This concert is a return engagement for the concert which was held last season in connection with that school. Besides these combined concerts, there were several appearances of the club in neighboring cities for charity organizations. The student body has been favored frequently at assemblies by selections by the Glee Club, and it is encouraging to note the approval with which the students have met these occasions.

### THE BOYNTONIANS

*Trumpets*, G. S. Swift, R. P. Denning

*Trombone*, M. N. Seligman

*Saxophones*, P. M. Downey, D. L. Edmunds, J. E. Pirie

*Guitar*, Harry F. Clarke

*Bass*, I. Skeist

*Piano and leader*, H. J. Wrin

*Drums*, Mr. J. E. Fitzgerald





## TECH BAND

Gordon S. Swift, *Leader*

Mr. William F. Lynch, *Director*

Leonard G. Humphrey, Jr., *Manager*

Abner Crumb, *Assistant Manager*

Mr. J. Edward Fitzgerald, *Faculty Advisor*

E. J. Abendschein

S. D. Alpert

L. K. Barber

E. L. Barrett

W. E. Brown

G. W. Busby

M. G. Cohen

H. N. Cox

G. F. Crowther

A. Crumb

R. P. Denning

M. S. Fine

R. O. Farrar

M. C. Gowdy

R. S. Grand

W. J. Harmon

W. P. Holbrook

R. S. Howes

L. G. Humphrey

L. L. Libby

J. F. Moore

R. A. Morrill

R. L. Nims

J. E. Poeton

J. E. Pirie

C. W. Poliweczak

J. A. Richardson

M. M. Seligman

W. L. Stevens

G. S. Swift

C. P. Vinal

F. S. White

G. R. Yanofsky

P. Wiley

The orchestra has shown a decided improvement over its last year's performance. Student opinion, which is a good criterion of the success of an organization, is unanimous in its praise of The Boyntonians. Humphrey Wrin, '35, is to be cited for his fine work in leading the orchestra and for his excellent arrangements of several novelties which The Boyntonians offer on occasions. This group accompanies the Glee Club on its concerts and plays for the dancing. The dorm dances on Saturday nights have been successful largely due to the work of The Boyntonians. This group also plays for the informal dances which are held at the Gym after basketball games.

Under the leadership of William F. Lynch the Band has continued its fine work of developing and producing good band music. This year the Band has made an attempt to play some classical and novelty music and this has met with much success as is evidenced by its reception in the student assemblies. The Band has added much color and pep to the basketball and football games by appearing in uniform and playing stirring marches. It is hoped that in the next season this organization can be trained to march at games.



EDWARDS, SWARTWOUT, MESH, WARWICK, SUTLIFFE

## SANFORD RILEY HALL DORMITORY COMMITTEE

Mr. W. W. Locke.....*Faculty Supervisor*

### STUDENTS

E. J. Abendschein  
G. C. Edwards  
W. E. Mesh  
S. B. Palmer, Jr.

J. B. Sutcliffe  
J. F. Swartwout, Jr.  
M. L. Warwick  
D. W. Woodward

The Dormitory Committee is an organization which brings the residents of the dormitory and the faculty supervisor closer together. Its membership consists of two representatives from each floor of the dormitory. This organization is very efficient in solving the various problems that arise during the year. The Dormitory Committee also sponsors an entertainment once a month for the dormitory residents. The Committee is very fortunate in securing fine speakers for these occasions.



FULLER, SCHWEIGER, BORTZ, SWAN, SIEGFRIED, VINAL, FRANCIS  
LeDUC, SUTLIFFE, KRIPPENDORF, C. FRARY, T. FRARY, FITZGERALD, ATWOOD  
HALBROOK, POWELL, EASTMAN

## THE COSMOPOLITAN CLUB

Charles S. Frary.....*President*  
Alexander Kaplanko.....*Vice-President*  
Ernst P. L. Krippendorf.....*Secretary*  
Thomas C. Frary.....*Treasurer*  
Paul R. Swan.....*Faculty Advisor*

### FACULTY MEMBERS

|                         |                      |                          |
|-------------------------|----------------------|--------------------------|
| Pres. Ralph Earle       | Dr. A. Wilmer Duff   | Mr. Albert Schweiger     |
| Prof. Zelotes W. Coombs | Dr. Richard A. Beth  | Mr. J. Edward Fitzgerald |
| Dr. Walter L. Jennings  | Dr. Leland L. Atwood | Mr. V. Siegfried         |
| Dr. George H. Haynes    | Prof. Jerome W. Howe | Mr. Nelson Bortz         |

### STUDENT MEMBERS

|                   |                    |                     |
|-------------------|--------------------|---------------------|
| Everett F. Sellew | Norman W. Gaudreau | J. Morrison Smith   |
| William E. Burpee | Henry S. Fuller    | Carleton P. Vinal   |
| William Miseveth  | Wesley P. Holbrook | Tom Walters         |
| Gordon C. Edwards | John B. Sutcliffe  | Alric H. Powell     |
| Benjamin H. Smith | John H. Chapman    | Stanley L. Hyman    |
| Karl D. Eastman   | Henry C. Dearborn  | James B. Patch, Jr. |
|                   | Thomas E. O'Neil   |                     |

The Cosmopolitan Club was originally founded for those students enrolled at Tech who came from foreign countries; however, as the number of foreign students dropped off, the club took in American student members interested in foreign affairs. This year the Cosmopolitan Club has had several interesting speakers. Professor Zelotes W. Coombs opened the first meeting by giving a dinner in honor of the sons of alumni. The second meeting of the year found Mr. Schweiger discussing "Pegging the Dollar," and also a few short views on the present monetary policy. Mr. Bortz followed in the next meeting with a discussion on "Fascism," and its effects to the countries now under its principles. On April 16th Mr. Siegfried gave his views on California and his experiences on an Oil Tanker from the West Coast to the East. The Cosmopolitan Club offers a wide range of subjects for discussions and is a help in broadening the student's outlook while here at Tech.



SWARTWOUT, KORMAN, WORTHLEY, STANTON, MESH  
RICH, GRAY, WHITE, THOMPSON, LIBBY, CUTLER, CRUMB

## RADIO CLUB

J. Headan Johnson.....*President*  
Chapin C. Cutler.....*Vice-President*  
Donald G. McMallan.....*Secretary*  
Frederick S. White.....*Treasurer*

### MEMBERS

Henry T. Wrobel  
Richard I. Gray  
John B. Campbell  
Abner Crumb  
James F. Swartwout, Jr.  
John H. Wyman  
Lester L. Libby

Nathaniel I. Korman  
William M. Stanton  
James E. Pirie  
William W. Worthley  
William Mesh  
Joseph A. Johnson  
Robert S. Rich



McRELL, GREENWOOD, BENJAMIN, BROWN, MESH, SHUMER, LUCAS  
BURR, COX FOWLER, LINELL, SHEPARDSON, GORDON, ANGEVINE, NORDLUND

## CAMERA CLUB

### OFFICERS

|                         |                       |
|-------------------------|-----------------------|
| Alan Shepardson.....    | <i>President</i>      |
| John H. Richardson..... | <i>Vice-President</i> |
| Robert Fowler, Jr.....  | <i>Secretary</i>      |
| Kenneth Linell.....     | <i>Treasurer</i>      |
| Victor Siegfried.....   | <i>Faculty</i>        |

### MEMBERS

|                     |                   |
|---------------------|-------------------|
| William Mesh        | Henry Plimpton    |
| Paul Grierson       | Arthur J. Schumer |
| John Campbell       | Weldon Richards   |
| William P. Mitnick  | Howard Nordlund   |
| John McMahon        | William Worthley  |
| William Steur       | Charles Michel    |
| Wendell Jewell      | William Brown     |
| Willard Greenwood   | John R. Lucas     |
| Robert K. Finlayson | Allen Benjamin    |
| Wesley Martin       | Roland McMurphy   |
| Richard Prokop      | Iver T. Rosenlund |
| Harry F. McRell     |                   |

The Camera Club at W. P. I. was founded and supported for those students who were interested in photography. Each year the Camera Club has an exhibition in the gymnasium and some of the club's exhibits have gained renown in local camera circles. Any undergraduate is eligible for membership providing he has an interest in amateur photography.



DWINNELL, RAY, WILCOX, KRIPPENDORF

## AERO CLUB

### OFFICERS

Dwight J. Dwinnell.....*President*  
Julian H. Ray.....*Vice-President*  
Ernst P. L. Krippendorf.....*Secretary*  
Abbott D. Wilcox.....*Treasurer*  
Mr. Ellis R. Spaulding.....*Faculty Advisor*

### MEMBERS

Prof. K. G. Merriam  
Leonard Almy  
Raymond Casler  
George Davagian  
Donald Edmunds  
Robert Fulton  
Richard Gray  
Joseph Haddad  
Clayton Hunt

Frederick Hyatt  
Kenneth Linell  
William Mitnik  
Carl Otto  
James Tasillo  
Stanley White  
Harry Anderson  
Chester Dahlstrom  
Russell Wood

Edward Markert

This society has been inactive for two years, but due to renewed interest in aviation in the school the club was reorganized and has held two meetings up to date. The first meeting was well attended at which time there were two student speakers. The first speaker, Ray Casler, gave a talk on gliders and the second speaker, Orin Lee, discussed at some length, Power Planes. It is hoped that the organization will continue to function during the coming season.



ASHLEY, HUNT  
SNOW, MARKERT, BARRETT, DWINELL

## THE W. P. I. BRANCH OF THE A. S. M. E.

### OFFICERS 1933-1934

|                        |                       |
|------------------------|-----------------------|
| Edward R. Markert..... | <i>President</i>      |
| Dwight J. Dwinell..... | <i>Vice-President</i> |
| Clayton E. Hunt.....   | <i>Secretary</i>      |

This organization is the student branch of the American Society of Mechanical Engineers and its members are made up of students of the Mechanical Engineering Department. In their monthly meetings speakers bring to the students new ideas of development in Mechanical Engineering and create an interest in practical applications of that branch of engineering. These meetings also give students an opportunity to present to their fellow students papers on subjects which have an especial interest to them. By giving students a chance to exchange ideas on current engineering problems this organization serves in an educational as well as pleasure-giving capacity.



KEENAN. JEWELL, ROTHMICH, QUENNEVILLE

## STUDENT BRANCH A. S. C. E.

### OFFICERS

|                          |                       |
|--------------------------|-----------------------|
| Edmund F. Rothemich..... | <i>President</i>      |
| Wendell D. Jewell.....   | <i>Vice-President</i> |
| Raymond Quenneville..... | <i>Secretary</i>      |
| John H. Keenan.....      | <i>Treasurer</i>      |

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This society is run entirely by the students in the Civil Engineering Department and holds monthly meetings in Boynton Hall. The organization furnishes considerable literature of engineering interest to its members, and through its affiliation with the A. S. C. E. is able to run slides and motion pictures of prominent developments which are instructive and very interesting. In addition, many noted engineers are invited to speak at the meetings and this enables the student to make contact with some of the practicing members of the Civil Engineering profession.



HEDLER, COLBY, STEVENS, STOCKWELL

## STUDENT BRANCH A. I. E. E.

### OFFICERS

|                          |                       |
|--------------------------|-----------------------|
| George A. Stevens.....   | <i>President</i>      |
| Blakslee H. Colby.....   | <i>Vice-President</i> |
| Howard E. Stockwell..... | <i>Treasurer</i>      |
| Curtis A. Hedler.....    | <i>Secretary</i>      |

### MEMBERSHIP COMMITTEE

George A. Bennett  
Julian H. Ray

The faculty and students of the Electrical Engineering Department comprise the membership of the Student Chapter.

Many advantages are found in the A. I. E. E. These are: the exchange of ideas, the contact between men, the presentation, publication and discussion of papers, the cultivation of the spirit of coöperation, the formulation of standards and codes, and the advance of ideals.

Meetings are held once a month at which prominent speakers and students present brief talks. During the year a joint meeting is held with the Worcester Section of the A. I. E. E. At this meeting papers are presented by the students. The Student Branch also arranges the entire program of the meeting.



HANSON, SELLEW, SMITH

## SKEPTICAL CHEMISTS

|                        |                            |
|------------------------|----------------------------|
| Everett F. Sellew..... | <i>President</i>           |
| Malcolm K. Smith.....  | <i>Vice-President</i>      |
| William E. Hanson..... | <i>Secretary-Treasurer</i> |

As is indicated by the title, this society is composed of students of Chemical Engineering. Its primary purpose is to acquaint its members with the current phases of Chemistry as applied to engineering and to encourage students to read periodicals pertaining to chemistry. The society obtains speakers for their meetings and there is an opportunity to discuss the subject under question in an open forum.

This society chose for its patron saint, Robert Boyle, who is responsible for the fundamental ideas of modern chemistry. The society is affiliated with the Northeastern Section of the American Chemical Engineers.

# FEATURES



W P I

BROOK AT CHAFFINS

## THE ELECTRICS TAKE A RIDE ON THEIR KILOCYCLES

Once upon a time a small selected band of enthusiasts decided to give their "all" for science and to open up the vast unknown field of Electrical Engineering in a manner heretofore undreamed of. Now as their luck would have it, they all enrolled at Tech in the Class of '34—therein lies a tale. Let us take a peep into the daily lives of these geniuses and see for ourselves the wonders of Modern Science and Invention.

First, we must get up early in the morning in order to escape the notice of Birch, Goodwin, and the like who are just arriving home about this time. Let us sneak into the E. E. Building and hide behind John's plant in the Department Library, for none have noticed it for the last three years, and half of 'em can't spell the name of it anyhow, so we shall be safe from prying eyes.

We have arrived very much ahead of time, for it is only five minutes of eight, and there will not be any activity for a while yet, although the lads have an eight o'clock. They will all come, I think, for there is a prep at nine, and there is only a single class in which to copy the homework.

Here is the vanguard which is composed of the boys from the outlying districts, Hreusick, from East Douglas—up with the cows to get here,—Magowan of Brookfield—took the milk train to town, he did,—and Anderson, down from the wilds of Bell Hill—where even lil' children drink coffee eleven times a day. Most of these fellows have done some of the homework, or have hopes of copying more. Also, there comes Sullivan and McMahon to find out who has done the report due today, and where the data sheet went to.

Davenport and Hammarstrom have just blown in. Each morn these stalwarts set out from far-off Greendale with a boat load apiece, each intent on making an eight o'clock—at North High. Indeed, it is rumored that sometimes they return to the frontiers of West Boylston Street for a second bunch of passengers. That hollow roar is the advent of the S. A. E. Imperishables intent on doing that problem in the remaining two minutes. Driscoll, Egan, and Clark, all hollow-eyed from a night of terrific scabbing, troop in and seize all the available papers. The hum of voices mounts to a dull roar, as it is found that answers are wrong and not worth copying.

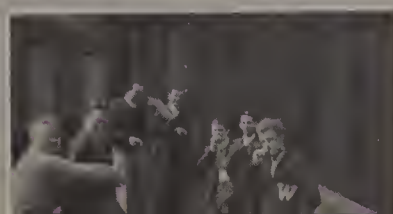
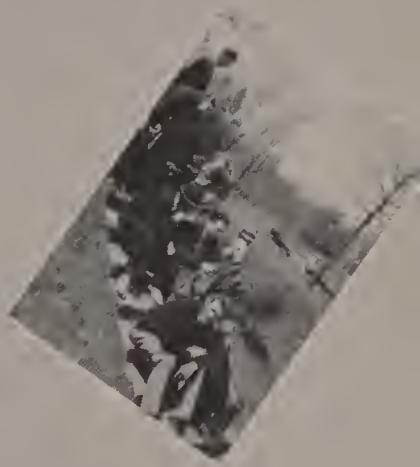
Parta and Ozzie stroll in, supreme in the knowledge that there is no quiz until at least ten o'clock. Now who has the problem? The group increases as Stevens, Bennett, Ray, and McLaren and Co. walk in to see all the excitement. They have done the homework, and look it.

Half a minute to go! Here's Goodwin and Webber, mildly curious as to what the assignment was. Have they done it? Give them time. Someone has discovered Ghandi under a book, taking notes. I guess that he was locked in the library last night and has been here ever since. And there's Red Hammett, trying to keep awake long enough to find out what room he's to sleep in the next hour. Monks is here, remarking that it was a wonderful night, and what are we supposed to do for today? Most of the boys are so jealous that they won't tell him, so he is still happy and quite unaware of the quiz.

Time to go—there is the bell. All get up and rush for the stairs, where the rest of the boys are mounting on high. Smitty and Wentzel arrive just in the nick of time, the former to go to class, the latter to persuade Davenport to shoot a game of pool. The Captains and Kings depart. The clamor dies away and the dust and scrap paper settle down again.

Koziol and Makredis go by, arguing about a difference of opinion that started last night. It will be settled when they graduate—maybe. Birch hails into view, deep in thought and only a little late. Johnny is famous for his conquest into the subject of A. C. motor operation at Chaffin's. He'll do it yet, if no one interferes too much.

Well, it is now safe to come from behind the shrubbery, and gaze at the scene so recently vacated. Only the occasional barkings of the Math Department downstairs penetrate the silence, or the snores from upstairs. All will be peaceful and serene for the next fifty minutes, at which time the young hellions will be out of class again, and the Devil will again look after his own.



# CIVIL SURVEY

The editing staff of the Civil have not made known the identity of their Key-hole man, since his is a dangerous position, and in order to have this news as active as possible it has been necessary for him to crawl to the depth of the Rat Hole during many Design periods. We hope you will appreciate the risk to this beloved character's life and agree with us that it is better that his name and whereabouts remain his own secret.

The "Civil Survey" was a potent blackboard publication which served as an outlet for the wit of the so-called Civils but, as it happens, the class of '34 has not been overstocked with this type of animal and as a consequence, little progress has been made on our beloved paper. In recent years the Civil Wit has proven sufficiently "rare" to be given the prominent position of filler to be used around the numerous adds in the *Tech News*.

As long as this is officially the year that the men of '34 leave us, we may as well do them the honor of filling up space in this year book by giving you our impression of each of that class of scabs.

Take Grand—you can have him.

Now that fellow Drake—he might be a good man if he would keep away from the cart and hang up the fork.

Look over "Hole in One" Kowalski—all we can do about him is to tell you to turn to the Golf Page and look him over. Why, verily, he must be the answer to a maiden's prayer. Such clothes and will you notice the poise? You might as well look at the golf scores while you're there. It's darned tough that the captain should lose so often.

Buell—Well, he hasn't done so badly. At least, he's the fastest Civil. He once ran a mile in 4.25 (so he tells us) but the watches stopped and the judges were wrong. And on top of that, he went and got himself engaged in his Junior year. "Quite a commendable record," as our friend Coombsie would say. Now we come to that man of possibilities, none other than Mr. Joe Bober. It has never been proved that he was a song writer, yet that air "Over Somebody Else's Shoulder" seems to have been discovered by our Peeping Joe. Well, give him credit, he found a practical use for the song in his everyday work.

Hunter—All we can say about him is that he is little appreciated for the man he is. A demon with the ladies.

Johnson—The scabbiest of the Civils. Did you ever see one of his M. E. Lab Reports?

Keenan—You've got to hand it to this boy for carrying the rest of the Civils for three years. We understand he is about to make a drive for class funds. He needs a new car and thinks a yacht would be handy. Come on, Civils, give the man a break.

Powers—Ah! There's a man who'll make a jewel for some girl. Have you ever noticed that he comes from Main South every morning? He claims it's a Clark student, but you know Clark. We've seen her, and she is nice.

Tytular—All we know of him is that Dame Rumor has it that he is a secret drinker of beer. He took the Hydraulics special so as to acquire a taste for water.

Spielvogal—Just another real man who went wrong. Can you imagine anybody going to Tech for some odd number of years and then working at the profession for \$0.40 per hour? He'd give you the idea that there was a depression in love—so—get Hot, Chester, lad.

Well, well, here's Sargent—A conscientious scab. This boy is known for his potentialities. Girls, nab him while he still believes in chivalry.

Jim Rowley—The silent boy of the Civil Class. We'll remember him for this: "Tis better to have loved and lost than to have lost"!

Our little pet President of the A.S.C.E. attributes his success to the votes of the '34 Civils. In spite of the fact that he is a good man to get work from we advise you to take his advice: "Be Careful—or the big bad goon will get you."

Chauvin—We kept this creation until last because we were waiting for the censors to check the jokes he hands out. Too bad, none passed.

Recently the class held a secret election to fill the following posts. Most of the fellows will learn of the affair here. The following awards were made:

Class Baby—Joe Bober, with Paul Johnson trailing closely. Paul lost because of his efficiency with the bottle, an art which requires long practice. P:S:—Bober has curly hair and innocent eyes.

Class Beauty—John Powers took this with Bober one misplaced hair behind.

Voluptuous Fanny Dancer—Jim Rowley, a decisive victory.

D. Joke King—who else but Chauvin had a chance?

Class Scab—Powers, with Johnson second in the heat.

Strong Man—Keenan, his name even carries weight, at least on the average.

Stayer-out-Later—Johnson, with Drake way behind.

Class A Tracer—Drake took this with no competition.

Chief A. K.—Grand, with a unanimous vote.

Violet Man—Rowley took Chauvin over by two violets. Tweet, Tweet, my dear.

Most Popular—Keenan's work (we tried not to indulge in personalities in this case).

And last but not least in importance, we wish you all the luck that's coming to you. (This was just to be polite.)



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## GREASY MECHANICS

Pandemonium reigns supreme; men dash frantically hither and yon, carrying huge drafting boards and awkward T-squares; somewhere a bell stutters a bit, subsides, and then begins again with renewed vigor to make the welkin ring. The door opens and the mighty chief and high potentate of Machine Design, "A. L." himself, strolls in, determined to see nothing that is not intended for him, and, after a brief survey of the latest works of art on the blackboards, seats himself and appears to be about to comment upon a particularly intriguing chart of goon efficiency vs. spinach rate (Gantt Chart) but evidently thinks better of it and starts shuffling and cutting his notes preparatory to attacking the problem of designing a combination nut-cracker, punch, and shear machine.

At this point, the elongated Atkins, who has been waiting for the class to begin since 7:30, vainly attempts to quiet the Clark, Booth, and Haddad combination which is conducting a heated debate from the far corners of the room. "A. L." having shuffled his notes to his heart's content, now clears his throat and attempts to gain control of the situation. Knowing from experience that an exhibition of force would be of no avail, he resolves to resort to trickery so begins, "And now, gentlemen, about the final examination in this course. . . ." By this time one could hear a pin drop (a Phi Gam pin anyway). Here there is some slight interruption as a mustache enters the room closely followed by Charlie Adams. This suggests to A. L. that possibly some others of his sheep have strayed from the flock and so a survey of the situation is made. The count of noses reveals that there are no less than four absences. A. L. is about to resume when all become conscious of a rumbling sound, not unlike distant thunder, emanating from the lower reaches of the building and rapidly drawing closer, growing the while in intensity, culminating in a deafening crash just outside the class room door. The door yields under the impact and Holoff and Leavitt, the demon thesis combination, burst in, completely out of breath and somewhat embarrassed. This calls for a revision of the statistics in A. L.'s little book and while the entries are being made, Guernsey and Lorenzen enter quietly and unnoticed and so are marked absent.

A. L. now briefly reviews bending moments and moments of inertia while the members of the class privately review moments of their own. At length he concludes his remarks with a request that all members of the class turn in the answers to the problem on slips of paper as soon as possible.

This completely baffles the larger portion of the class because they were not aware that any particular problem was being assigned or discussed. Hasty conferences are held, with Greeney propounding one theory as to what the problem might be, Snow another, and Davadgian a third, while Warwick publicly washes his hands of the whole affair.

At this point it is seen that a few members of the Scabs Local No. '34 apparently know what the score is and so Burns leans over to tap furtively on Barnard's shoulder, whereupon the latter mumbles for a mement and the dawn of comprehension appears on the countenance of "Bugs." The good tidings spread rapidly and shortly Atkins and Smith stage a dash for "teacher's desk" and the privilege of being the first to hand in an answer. Eventually, the remainder of the class turns in answers of one sort or another and, after the evidence has been collected and scanned, A. L. requests Grierson, Hyde and Kowal to put their computations on the board. This reveals a most surprising disagreement and explanations are called for.

From his front row seat, Nick "Whither" Mango rises in defence of one of the theories being propounded and, after a long verbal bout, during which he is joined by Bill Michalek, Nick is finally routed by A. L.

After a few more problems, A. L. leaves the room and, hardly has he left the room when, by unanimous consent, everyone drops work for a few moments of relaxation. Greaney produces a pair of cubes inscribed with dots and entices Kowal into a game whereupon Kowal proceeds to get himself neatly "taken." Palmer ambles to the window and gazes long and lovingly at the tennis courts while Smith puts on a show that rivals the best efforts of Joe Penner. At this point Barrett expresses a doubt that had long been in the mind of every man in the class. According to B., the machine won't work and wouldn't be of any use if it did work.

Eventually, A. L. returns and work is reluctantly resumed by some, but others like La Roche, Grierson, and Booth prefer to acquire a more liberal education by swapping the latest stories.

And so the Mechanics of '34, while away the time, working when they must and playing when they can, for, after all who wants to be a machine designer?



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## KAISER'S KINDERGARTEN

When one comes to writing a humorous history of the 1934 chemists one has more than ample material on which to work. For it seems that every fellow in that division has had some participation in the horseplay which has taken place in the period of four years that we have been confined in Salisbury's walls. Some of these characters have been leaders in this indoor sport while other have been followers or one might add they have been subjects to it.

We first had chance to come in close contact with each other in Qualitative Summer Shop our Sophomore year. Henry Franklin (ex-'34) seemed to take the lead to be the one who always was apprehended by the venerable Doctor Jennings. Our own Benny Benoit on several occasions sprayed the boys with boiling sulfuric acid—spoiling the dapper appearance of our inimitable Beau Brummel "Beri"—much to the latter's indignation. However, in this lab course and the following course in Qualitative the Kaiser held us in mortal fear and the practical jokers were kept somewhat in check.

Then we had the pleasure of meeting "Tomby"—our hopes of graduating in four years were blasted in his first lecture. Here was a cynic, who continually delighted in rending asunder all suggestions of quackery and questionable ads which appeared in newspapers and periodicals from time to time. Tomby was to have the fate of these embryo chemists for quite a while in his hands.

Will we ever forget the day that Tomby chased Frank Crowley through the corridors—when Frankie tried to help the boys out by giving them the answers? Remember the bawling out that Tomby gave Louie Press for his technique in the Quant Lab. Then there was the nervous state into which "Rudy" Narcus would throw himself when either Beri or Frank came around his bench. Then we think of the reward that Ernie Crowell got for being so serious and studious—'nuf said for that. There were two groups of chemists in this division—those that "fussed" their results and admitted it and then there was the group that "fussed" their results and wouldn't admit it.

The next step in the arduous journey was crossing the hall and going from the Quant Lab and ensconcing ourselves in the Organic Lab. Here we met "Bill" Hanson, who helped us many times when we felt we were gradually being drawn into the quagmire of failure in Organic. This lab was the battlefield of the now historic and famous water-bottle fights or might we be more technical and say skirmishes? Harold was usually on the receiving end although the offenders tried many times to "get" Hitler Kurtz and our diminutive Teddy Post. Will we ever forget the expression on "Kewpie's" face the day that the worm turned and Dick Rhodes ducked him with about two liters of water? Can we forget the brewmeister and prime distiller Howie Whittum—always trying to think up new alcoholic concoctions? Then there was Eli Romanoff, always about two or three experiments ahead of the class—and then indignantly denying that the name "scab" was rightly his. Then when we should happen to look over towards the window there we would see the master minds at work, namely Ev Sellew, our jovial president, and his right hand man and shadow, Whit Whitcomb, discussing everything from chem engine to the doings of Skull or Tau Beta. Can we forget our erstwhile Werrenrath, Charley Frary—the man who could recover a product from a tenth of a cc. and still save it? Then we had our "smooth" Bill Denning the cause of rapid palpitations to many feminine hearts but only true to one—a faithful guy, even if we do say so—and then there was the time Bill could only see her on Saturday nights—curse Organic.

Then we met the one and only Dinny, the Little Caesar in the chem department and one swell guy to boot. He presented material so fast that a centipede with a pencil in each "pede" could not take it down. However, Louie with his nose continually in his notebook managed to take the salient features of Dinny's lectures for which the other fellows were duly thankful, for Louie was a most sought after fellow when exams came rolling around.

Then we came to thesis with Harold Narcus running his thesis with the apparatus that Pat built, Merritt Cutting the sanitary chemist, studying the conditions that existed in the metropolis of Auburn. Whenever we heard a rumbling from the cellar we know that Mike and Walt were "at it" again. If one should happen to look in the Industrial Lab during thesis time one could see Sonny Norton courageously working at his thesis—the air was blue at times, however we'll let that go unmentioned. Then there was Louie, Whit and Eli working like hell under the Kaiser—and some of those days were warm. Then we had the physical chemists, Beri, Charley, Ev, Howie and Bill Denning each bound to be a better physical chemist than our renowned Punk Elwell. Then there were Dick Rhodes and Ted Post playing around with "bugs" in the sanitation lab. Then we had Ernie Crowell fooling around with steam and water under Jawn Petrie. Then in the midst of a maze of wires trying to photograph the waves from his oscillograph we could find Frank Crowley.

We can say on leaving these halls that although we have worked like the dickens at times and have almost hated the sight of Salisbury at odd moments that on the whole we have enjoyed the companionship that we have been afforded by coming here, both with our fellow students and with the profs. For we find on self-analysis that if we had put that one hour on organic when it was scheduled that this would not be such a tough place after all—however, let not our sentiments warp our thinking.



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## S. O. S.—'35

Back to Tech in the fall came the Juniors, all dressed up in their new importance and Junior Jackets. The first task they took upon themselves was to play "Daddy" to the new frosh—but they gave up all relation when they discovered that the frosh were no chip off the old block.

The class elections saw Bill McKay, the Springfield lad who is as popular as Father Neptune on a hot summer day, re-elected as class president. Perhaps Eddie Cronin's habit of wearing white flannels while surveying had something to do with his being elected vice-president. Tom McNulty, our end of ends, still forgets to bring his minutes to class meetings after being secretary for a year. "Babe" Merriam, an ardent admirer of his namesake, has been doing his best to resist the temptation to abscond with our sixty cent treasury.

With class elections disposed of, we turn to football and soccer. The antics of the footballers would lead one to believe that each week would signal their entry into the winner's column, but each week came the same disappointment. Roger Lawton was missed for most of the season when one of the sophomores decided his nose would look a little better if pushed around a bit. Bing Swenson, who gets as much pleasure out of playing football as a child does out parading in her mother's clothes, quarter-backed the team for most of the season and remained on the sidelines only when the opponents decided to use those chorus-girl ankles of his for play things. Jack Tholl, a new-comer to football, handled his full-back position like a veteran, while the sports writers were very partial to Cantor and Stone.

In Soccer, Willy Hebel—the Scots would be proud to own him as a soccer player—stole the show, from the spectators' point of view, during the season, but Wilson and Luce showed much ability in handling the ball.

The Juniors found a goodly representation of their group on the basketball court. Joc Sukaskas, whose chief diversion is being a fly in his opponent's ointment, made it just as tough for the other team to score as it is to cheat in solitaire. Marshall Dann and Charlie Smith and Ray DesRochers also appeared in the W. P. I. uniform.

The first week in February brought up that old adage—"You can't let up and keep up." The old screw machine, which has done so much damage in the past, kept up its efficient work with the result that '35 gained from '34 and lost to '36.

Red Bohaker was chosen to head the committee for the Half-Way-Thru Banquet. Once upon a time when Red was a frosh, he was peremptorily dumped from a car in front of the City Hall *sans* everything save his shorts and shoes. In making plans for the banquet it would appear that he remembered the incident and decided that this was his opportunity to take sweet revenge. Although not every one was able to say so in so many words at the time, all seemed to have a good time, in fact we might even go so far as to say that it was a stretcher man's paradise.

One must admit that during the course of three years in a chem lab one must absorb a good deal of offensive odors. The Open Forum letters and discussions by Rovno, Skeist and Latour would lead one to believe that these three chemists were trying to purge themselves of some of the afore-mentioned odors. All their efforts, however, proved to be about as effective as lathering a mirror and shaving your reflection. In spite of their chatter, Phil Sullivan, one of our smoothies, was chosen to head the Prom Committee. Remember the announcement he made in assembly.

Inter-class basketball saw the Juniors come through with the championship, thanks to that legacy from '34, Johnny Noreika.

Spring rolled around, as it has a habit of doing. With it came baseball, which is as much a part of spring as a cat is a part of an old maid's life. Ev Luce and Al Cantor showed their versatility by putting soccer and football in the background to patrol the outfield. Charlie Smith and Ray DesRochers also Appeared in the W. P. I. uniform.

The swimming season saw the juniors particularly well represented. Dick Falvey, captain and star merman, led the group. Plum Wiley demonstrated his stellar wares as he churned through the waters in the free style events. The old paddle-wheel steamers had nothing on McNulty (Tom had nothing on sometimes, too) as he back-stroked his way up and down the tank. Tom would get up a head full of steam—or should we say thermo—set the old paddles swinging around and he'd be off for a first place at least.

In March, the Juniors took over the control of the Tech News and immediately favorable comments were head concerning the improvements in the paper. Len Humphreys pulled his thoughts away from the class history to act in the capacity of Editor-in-Chief. Homer Morrison gave up his dates on Sunday afternoons to make up the dummy as required by his position as Managing Editor. Charlie Smith took his place behind the desk in B-19 on Mondays at 4:00 P. M. to act as News Editor. Marsh Dann, as Associate Editor, and Gordon Lincoln, as Secretary, helped make the paper a success and keep the organization in functioning order. Vic Leckie and Dick Merriam pooled their efforts as Business and Circulation Managers to get the paper out on time and to make it pay for itself.

It would never do to conclude this write-up on the Juniors without expressing our sincere good wishes for the Seniors. As their mothers wished them good luck and well-being as they passed from puberty to manhood, so we wish them success and happiness as they pass from bachelorhood to husbandry.

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## SOPH SOAP

Now that Ye have heard what our distained superiors, the Juniors, have had to say for themselves, harken unto the Saga of the class of Wise Fools.

Do you remember, it was 'way back in September when we returned to these Happy Hunting Grounds seventy strong with about the same number more enjoying the privileges of the class? We came back hale and hearty, full of good intents of studying and of taming all and sundry unruly Freshmen. How fruitless were those dreams of physical and mental prowess!

Under the sagacious guidance of the "Vig Committee" (it's a pity that we didn't know how to spell it), and with the slight persuasion of those master-pieces of Daisy's making, called "paddles," it was soon known, after a few pleasant evenings atop the crowing heights of Bancroft Hill, that the days of unruly Freshmen were but a ghost in the past.

Then came the Rope Pull,—what if we did use forty-five men, we won, didn't we? After all, if there were only that number of men eligible, it would be a shame not to let them all work together. The Freshmen tried to turn the tables in the Paddle Rush with a little similar dirty work, but their only trophies were about twenty paddles and three of Louie Sadick's front teeth.

Here is the boast of the class of '36. We are an outstanding athletic class. In the fall we showed our stuff on the gridiron, with Bob Webster holding the reins (forget the time that he called the same play four times in a row on the one-yard line at R. P. I.), at the same time Freddy Cole, that mighty mite, was doing his best to get himself blasted off the face of this earth by substituting for a battering ram. Of course we mustn't forget Whitey Hiller, although we'd like to, because we despise triple threat men. In the line was that hot-headed Frenchman, Bill Miseveth, along with our exalted class Prexy, good old George Chase.

On the pitch (soccer field to youse mugs), if you were interested, as most of you weren't, you could have seen nine of our noble tribe holding forth on a squad of sixteen. If you were even more interested, you might have distinguished Carl Borden continuously kicking the ball over the goal in futile attempts to get it through, being ably hindered by Jack Brand, Wally Dahlstrom, Bill Clark of the Fairview Clarks, George Sherwin, and Boylston's brilliant bouncing baby boy, and future Constable, Walt Holt. At the same time, Howie Osborn, paring up with that Junior who got shoved through the goal, trying to boot Eric's head off, with Ham Gurnham standing by to pick up the pieces.

When the season for interclass fall sports rolled around, it was more fun than making mud-pies, they really made snow balls. The frosh football team looked rather patchy, with a couple of huskies of '36 playing for them. Our varsity soccer team had a nice little romp, and walked all over the young idiots who tried to give battle. A couple of the boys playing on these teams looked a bit rocky. Dave Morse, now but a memory, and George Sherwin dragged in from a dance at Boston about six-thirty that A. M.; some people just don't know when to quit.

Then came more snow, and with it Basketball and Swimming, Brrr. As could be expected from a mighty class as we, at the call of duty, we sprang forward to lift the torch of Tech's fame and carry it on. Fritz Hendrickson must have thought that the ball was the torch, for he certainly did travel with it. As for Swen, all that I can say is, that if he hangs around for five or six more years, he'll be a ball player. If you made the mistake of dropping into the pool some Saturday afternoon, you could have seen Harry Gray doing a 19 second forty, making it look like a 25 second one, and Lenny Johnson doing the vice versa.

We've been trying to hush up the fact that we're good, but the jig (paging Pop Munroe) is up, so we might as well tell you that Dame Rumor has it that the Oshkoshee Papooses are trying to buy our Howes-Sandquist combination. Yeh, they need a couple of bat boys.

And now as you leave this, and turn to the unfounded claims of fame and honor put forth by the Freshmen, please remember: that we wish to you, the Seniors, our helpers and would-be protectors, the best of everything—you've earned it; that anything a Freshman says isn't reliable; that the best joke of the year was Sandy Sanborn telling us that the Jacket Committee was taking no cut; and that Wells of the *Herald* was out on bail when this was written. So long! ! !

## BABIES TALK

On the 25th of September, 1933, the Class of '37 went up the gangplank of Worcester Tech. The first two months of school were filled with constant persecution from the Sophomores. At most any time games of leap frog, playing fairy, or concerts of exceedingly close harmony might have been seen in progress on the campus. Many of the new-comers had the honor of visiting Bancroft Tower, where all sorts of lovely sports were indulged in, and a few wayward sons even had a trip to Wachusett. Then, at a football game, the guests were awarded the view of several pantless Freshmen and also were presented with tickets of very thin material by a light-haired, bespectacled Washingtonian. But the submission did not last long. The black ties and the visored caps gradually disappeared. Then one night there was a free-for-all which gave the members of '37, a chance to get back at the sophs. Later followed the 'Sophomore's putting their flag on the pole in Alumni field, and the Freshmen's, somewhat outnumbered and unsuccessful, but nevertheless gallant, attempt to take it down.

Perhaps the first event of importance in the year was the Rope Pull. Both classes lined up on opposite sides of Institute Pond with a fight-to-the-finish look in the eyes, the Freshmen hoping to pull the Sophomores off their high horse and incidentally into the water, and the Sophomores equally determined that this should not happen. The gun went off, and the next two hours were filled with the most prodigious grunting and straining ever witnessed. When it was all over, the sophomores had won by a very small margin so a credulous and still hoping bunch of Freshmen went into the pond at one shore and a few moments later a very bedraggled and much convinced group came out of the muddy and icy water at the other shore. Then the Paddle Rush, which came later, proved to be another defeat for the class of '37, but they succeeded in getting a few whacks back at their opponents which eased their minds somewhat.

After such methods of being taught the ways of Worcester Tech and as the year progressed, the class was represented in all branches of athletics. Although the results of the interclass contests were not especially favorable to the Freshmen, winning only the rifle match, and tying in football and swimming, many fine athletes have come out of the ranks. Football had such stars as Woodward, Townsley, Taylor, and Johnson; basketball, Michell, Clarke, Alpert, Johnson, Chadwick, and Howland. The interest in the rifle team brought out such men as Lucas, Mann, and Hammond. Then we saw Bushell, Smith, Hanson, Marshall and Dearborn, flashing in the swimming pool; and Jordan, Mencow, Larson, Denning and Frawley in track. It seems as if there are no end to the qualities displayed by the members of this class. Even passion is present under the disguise of Ed Hatch, who is perhaps, the most outstanding of our trackmen. In baseball we have Casey, Harvey, Moossa, and Taylor.

Not only has the class been well represented in athletics, but also in other college activities: the Band, Glee Club, Radio Club, Masque, *Tech News*, and the Camera Club.

In fact it may be said that the class excels in all lines of college life. Take for instance, Hank Fuller, whose reign from the start has been marked as a man of the world. How modestly he takes the great honors thrust upon him for his noble work in the field of bugology. Then there is Dave Felt who is taking up barbering as a profession. He should co-operate with Duffer La Field, and combine his barber shop with Duff's Beauty Parlor. Also there is Whitcomb who is never on time to classes, and Wheeler who goes out with movie queens. But a class would not be complete if it did not have its social lions like Stan Roop, who has a different girl every night, and that tall husky lad from White Plains whose name does not need mentioning.

Looking back over the year, we have learned quite a few things from the faculty as well. Coombsie taught us to seek the inevitable word, and to avoid extraneous material. Also that all famous men of prose or verse have either lived in Worcester, been in Worcester, or passed through Worcester. In his turn, Doc Butler taught a noble lesson of cool courage and sacrifice, for when it was stated that his bright new tie was not silk, he boldly had Hiram cut out a piece and test it.

And so, as the casual reader may observe, the education of the class of 1937 has been very broad indeed. Before ending it may be well to offer an apology to the ones whose names do not appear in this article. This does not mean that they are less important or less outstanding, but if they believe that they are, let them have hope, for according to the *Tech Bible* the biggest men in the senior year are often the most inconspicuous on the campus. Thus, between the big conspicuous men, and the inconspicuous big men, the class as a whole has a very bright outlook for the future.

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# Acknowledgments

The Editor of the 1934 PEDDLER wishes to express his sincere appreciation and gratitude to the following individuals whose generous help and advice have been of inestimable value in preparing this volume:

MR. ALBERT J. SCHWEIGER

MR. NELSON M. BORTZ

MISS M. ELIZABETH SAWYER

MISS EMILY W. DANFORTH

MISS MARTHA E. STRONG

PROFESSOR HERBERT F. TAYLOR

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